

Pirkkalainen H, Salo M, Makkonen M. **IT engagement as a blessing and a curse? Examining its antecedents and outcomes in organizations.** International Journal of Information Management. 2020 elo 1;53. 102130. <https://doi.org/10.1016/j.ijinfomgt.2020.102130>

Rostami S, Kela P, Leppanen K, Valkama M. **Wake-up Radio-Based 5G Mobile Access: Methods, Benefits, and Challenges.** IEEE Communications Magazine. 2020 heinä 1;58(7):14-20. <https://doi.org/10.1109/MCOM.001.1900614>

Homayouni M, Zare A, Aminlou A, Hannuksela MM, Gabbouj M. **Comparison of hevc-based omaf-compliant 6k effective packings for viewport-dependent 360-degree video streaming.** julkaisussa Proceedings of the 2020 Packet Video Workshop, PV 2020 - Part of MMSys 2020. ACM. 2020. s. 15-20. (Proceedings of the 2020 Packet Video Workshop, PV 2020 - Part of MMSys 2020). <https://doi.org/10.1145/3386292.3397119>

Parlin K, Riihonen T. **Analog Mitigation of Frequency-Modulated Interference for Improved GNSS Reception.** julkaisussa Nurmi J, Lohan E-S, Torres-Sospedra J, Kuusniemi H, Ometov A, toimittajat, 2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings. IEEE. 2020. (2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings). <https://doi.org/10.1109/ICL-GNSS49876.2020.9115518>

Mikhaylov K, Stusek M, Masek P, Fujdiak R, Mozny R, Andreev S et al. **Communication Performance of a Real-Life Wide-Area Low-Power Network Based on Sigfox Technology.** julkaisussa 2020 IEEE International Conference on Communications, ICC 2020 - Proceedings. IEEE. 2020. (IEEE International Conference on Communications). <https://doi.org/10.1109/ICC40277.2020.9148645>

Liyanaarachchi SD, Barneto CB, Riihonen T, Valkama M. **Joint OFDM Waveform Design for Communications and Sensing Convergence.** julkaisussa 2020 IEEE International Conference on Communications, ICC 2020 - Proceedings. IEEE. 2020. (IEEE International Conference on Communications). <https://doi.org/10.1109/ICC40277.2020.9149408>

Wang W, Fath T, Valkama M, Lohan ES. **Modeling and Mitigating 5G Wireless Downlink Interferences for Low-altitude Aerial vehicles.** julkaisussa Nurmi J, Lohan E-S, Torres-Sospedra J, Kuusniemi H, Ometov A, toimittajat, 2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings. IEEE. 2020. (2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings). <https://doi.org/10.1109/ICL-GNSS49876.2020.9115534>

Barneto CB, Liyanaarachchi SD, Riihonen T, Anttila L, Valkama M. **Multibeam Design for Joint Communication and Sensing in 5G New Radio Networks.** julkaisussa 2020 IEEE International Conference on Communications, ICC 2020 - Proceedings. IEEE. 2020. (IEEE International Conference on Communications). <https://doi.org/10.1109/ICC40277.2020.9148935>

Karttunen A, Valkama M, Talvitie J. **Positioning Based on Noise-Limited Censored Path Loss Data.** julkaisussa Nurmi J, Lohan E-S, Torres-Sospedra J, Kuusniemi H, Ometov A, toimittajat, 2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings. IEEE. 2020. (2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings). <https://doi.org/10.1109/ICL-GNSS49876.2020.9115572>

Rostami S, Trinh HD, Lagen S, Costa M, Valkama M, Dini P. **Proactive Wake-up Scheduler based on Recurrent Neural Networks.** julkaisussa 2020 IEEE International Conference on Communications, ICC 2020 - Proceedings. IEEE. 2020. (IEEE International Conference on Communications). <https://doi.org/10.1109/ICC40277.2020.9148671>

Barneto CB, Riihonen T, Turunen M, Koivisto M, Talvitie J, Valkama M. **Radio-based Sensing and Indoor Mapping with Millimeter-Wave 5G NR Signals.** julkaisussa Nurmi J, Lohan E-S, Torres-Sospedra J, Kuusniemi H, Ometov A, toimittajat, 2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings. IEEE. 2020. (2020 International Conference on Localization and GNSS, ICL-GNSS 2020 - Proceedings). <https://doi.org/10.1109/ICL-GNSS49876.2020.9115568>

Tervo O, Levanen T, Pajukoski K, Hulkkonen J, Wainio P, Valkama M. **5G new radio evolution towards sub-THz communications.** julkaisussa 2nd 6G Wireless Summit 2020: Gain Edge for the 6G Era, 6G SUMMIT 2020. IEEE. 2020 <https://doi.org/10.1109/6GSUMMIT49458.2020.9083807>

Le D, Ukkonen L, Björninen T. **Circularly Polarized Corner-Truncated and Slotted Microstrip Patch Antenna on Textile Substrate for Wearable Passive UHF RFID Tags.** julkaisussa 14th European Conference on Antennas and Propagation, EuCAP 2020. IEEE. 2020. (14th European Conference on Antennas and Propagation, EuCAP 2020). <https://doi.org/10.23919/EuCAP48036.2020.9135984>

Ahmed S, Sydänheimo L, Ukkonen L, Björninen T. **Headband Antenna for Wireless Power Transfer to Millimeter-Sized Neural Implants with Minimal Misalignment Effects.** julkaisussa 14th European Conference on Antennas and Propagation, EuCAP 2020. IEEE. 2020. (14th European Conference on Antennas and Propagation, EuCAP 2020). <https://doi.org/10.23919/EuCAP48036.2020.9135977>

Petrov V, Eckhardt JM, Moltchanov D, Koucheryavy Y, Kurner T. **Measurements of Reflection and Penetration Losses in Low Terahertz Band Vehicular Communications.** julkaisussa 14th European Conference on Antennas and Propagation, EuCAP 2020. Institute of Electrical and Electronics Engineers Inc. 2020. (14th European Conference on Antennas and Propagation, EuCAP 2020). <https://doi.org/10.23919/EuCAP48036.2020.9135389>

Khan Z, He H, Chen X, Ukkonen L, Virkki J. **Protective Coating Methods for Glove-Integrated RFID Tags - A Preliminary Study.** julkaisussa 14th European Conference on Antennas and Propagation, EuCAP 2020. IEEE. 2020. 9135632. (14th European Conference on Antennas and Propagation, EuCAP 2020). <https://doi.org/10.23919/EuCAP48036.2020.9135632>

Eyraud C, Sorsa LI, Herique A, Geffrin JM, Pursiainen S, Kofman W. **Towards Asteroid Tomography: Modellings and Measurements Using an Analogue Model.** julkaisussa 14th European Conference on Antennas and Propagation, EuCAP 2020. IEEE. 2020. (14th European Conference on Antennas and Propagation, EuCAP 2020). <https://doi.org/10.23919/EuCAP48036.2020.9136060>

Zolfaghari H, Rossi D, Nurmi J. **A custom processor for protocol-independent packet parsing.** Microprocessors and Microsystems. 2020 helmi 1;72. <https://doi.org/10.1016/j.micpro.2019.102910>

Lenarduzzi V, Lomio F, Huttunen H, Taibi D. **Are SonarQube Rules Inducing Bugs?** julkaisussa Kontogiannis K, Khomh F, Chatzigeorgiou A, Fokaefs M-E, Zhou M, toimittajat, SANER 2020 - Proceedings of the 2020 IEEE 27th International Conference on Software Analysis, Evolution, and Reengineering. IEEE. 2020. s. 501-511 <https://doi.org/10.1109/SANER48275.2020.9054821>

Li X, Zhang B. **A preliminary network analysis on steam game tags: Another way of understanding game genres.** julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 29-30, 2020, Tampere, Finland. ACM. 2020. s. 65-73 <https://doi.org/10.1145/3377290.3377300>

Beheshtian N, Kaipainen K, Kähkönen K, Ahtinen A. **Color game: A collaborative social robotic game for icebreaking; Towards the design of robotic ambiances as part of smart building services.** julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 10-19 <https://doi.org/10.1145/3377290.3377292>

Korkeila H, Koivisto J, Hamari J. **Demographic differences in accumulated types of capital in massively multiplayer online role-playing games.** julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 74-82 <https://doi.org/10.1145/3377290.3377302>

Jokiniemi S, Myllärniemi J, Poranen T, Vuorenmaa M. **Innovation challenges as a novel multidisciplinary learning platform** . julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 145-148 <https://doi.org/10.1145/3377290.3377311>

Bujic M, Hamari J. **Satisfaction and willingness to consume immersive journalism: Experiment of differences between VR, 360 video, and article.** julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 120-125 <https://doi.org/10.1145/3377290.3377310>

Niemelä M, Ahtinen A, Turunen M. **Social human-robot interaction in the wild: A workshop proposal for academic mindtrek 2020.** julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 168-169 <https://doi.org/10.1145/3377290.3377320>

Chowdhury A, Ahtinen A, Kaipainen K. **"The superhero of the university": Experience-driven design and field study of the university guidance robot.** julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 1-9 <https://doi.org/10.1145/3377290.3377304>

Lehtonen M, Lu C, Nummenmaa T, Peltonen J. **Adoption of requirements engineering methods in game development: A literature and postmortem analysis.** julkaisussa Brooks A, Brooks EI, toimittajat, Interactivity, Game Creation, Design, Learning, and Innovation: 8th EAI International Conference, ArtsIT 2019, and 4th EAI International Conference, DLI 2019, Proceedings. Springer. 2020. s. 436-457. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST). https://doi.org/10.1007/978-3-030-53294-9_32

Tafintsev N, Moltchanov D, Gerasimenko M, Gapeyenko M, Zhu J, Yeh S et al. **Aerial Access and Backhaul in mmWave B5G Systems: Performance Dynamics and Optimization.** IEEE Communications Magazine. 2020;58(2):93-99. <https://doi.org/10.1109/MCOM.001.1900318>

Gapeyenko M, Petrov V, Moltchanov D, Yeh SP, Himayat N, Andreev S. **Comparing capacity gains of static and UAV-based millimeter-wave relays in clustered deployments.** julkaisussa 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE. 2020. (IEEE/CIC international conference on communications in China - workshops). <https://doi.org/10.1109/ICCWorkshops49005.2020.9145216>

Nasarre IP, Levanen T, Valkama M. **Constrained PSK: Energy-efficient modulation for Sub-THz systems.** julkaisussa 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE. 2020. (IEEE/CIC international conference on communications in China - workshops). <https://doi.org/10.1109/ICCWorkshops49005.2020.9145132>

Peltonen L, Järventausta P, Repo S, Rauhala T. **Distributed small loads as fast frequency reserves: Impact on system performance.** julkaisussa 2020 IEEE Texas Power and Energy Conference, TPEC 2020. IEEE. 2020. s. 114-119 <https://doi.org/10.1109/TPEC48276.2020.9042522>

Kishore R, Gurugopinath S, Muhaidat S, Sofotasios PC, Dianati M, Al-Dhahir N. **Energy Efficiency Analysis of Collaborative Compressive Sensing Scheme in Cognitive Radio Networks.** IEEE Transactions on Cognitive Communications and Networking . 2020;6(3): 1056-1068. <https://doi.org/10.1109/TCCN.2020.3007901>

Kilamo T, Lenarduzzi V, Ahoniemi T, Jaaksi A, Rahikkala J, Mikkonen T. **How the Cathedral Embraced the Bazaar, and the Bazaar Became a Cathedral.** julkaisussa Ivanov V, Kruglov A, Masyagin S, Sillitti A, Succi G, toimittajat, Open Source Systems - 16th IFIP WG 2.13 International Conference, OSS 2020, Proceedings. Springer. 2020. s. 141-147. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-030-47240-5_14

Andreev S, Dobre C, Misra P. **Internet of Things and Sensor Networks.** IEEE Communications Magazine. 2020;58(2):34-34. <https://doi.org/10.1109/MCOM.2020.8999424>

Frimpong E, Michalas A. **IoT-CryptoDiet: Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and privacy-preserving protocols in contiki-ng.** julkaisussa Wills G, Kacsuk P, Chang V, toimittajat, IoTBDS 2020 - Proceedings of the 5th International Conference on Internet of Things, Big Data and Security. SCITEPRESS. 2020. s. 101-111 <https://doi.org/10.5220/0009405401010111>

He H, Chen X, Raivio L, Huttunen H, Virkki J. **Passive RFID-based Textile Touchpad.** julkaisussa 14th European Conference on Antennas and Propagation, EuCAP 2020. IEEE. 2020. 9135201 <https://doi.org/10.23919/EuCAP48036.2020.9135201>

Tafintsev N, Moltchanov D, Simsek M, Yeh SP, Andreev S, Koucheryavy Y et al. **Reinforcement learning for improved UAV-based integrated access and backhaul operation.** julkaisussa 2020 IEEE International Conference on Communications Workshops, ICC Workshops 2020 - Proceedings. IEEE. 2020. (IEEE/CIC international conference on communications in China - workshops). <https://doi.org/10.1109/ICCWorkshops49005.2020.9145423>

- Makitalo N, Flores-Martin D, Berrocal J, Garcia-Alonso JM, Ihantola P, Ometov A et al. **The Internet of Bodies Needs a Human Data Model**. IEEE Internet Computing. 2020. <https://doi.org/10.1109/MIC.2020.3019920>
- Urama J, Wiren R, Galinina O, Kauppi J, Hiltunen K, Erkkilä J et al. **UAV-Aided Interference Assessment for Private 5G NR Deployments: Challenges and Solutions**. IEEE Communications Magazine. 2020;58(8):89-95. <https://doi.org/10.1109/MCOM.001.2000042>
- Holm J, Väänänen K, Battah A. **User experience of stereo and spatial audio in 360° live music videos**. julkaisussa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. 2020. s. 134-141 <https://doi.org/10.1145/3377290.3377291>
- Heljakka K, Ihamaki P, Tuomi P, Saarikoski P. **Gamified coding: Toy robots and playful learning in early education**. julkaisussa Proceedings - 6th Annual Conference on Computational Science and Computational Intelligence, CSCI 2019. IEEE. 2019. s. 800-805. 9071010 <https://doi.org/10.1109/CSCI49370.2019.00152>
- Köse DB, Morschheuser B, Hamari J. **Is it a tool or a toy? How user conceptions of a system's purpose affect their experience and use**. International Journal of Information Management. 2019 joulu 1;49:461-474. <https://doi.org/10.1016/j.ijinfomgt.2019.07.016>
- Eslahi N, Foi A. **Joint Sparse Recovery of Misaligned Multimodal Images via Adaptive Local and Nonlocal Cross-Modal Regularization**. julkaisussa 2019 IEEE 8th International Workshop on Computational Advances in Multi-Sensor Adaptive Processing, CAMSAP 2019 - Proceedings. IEEE. 2019. s. 111-115 <https://doi.org/10.1109/CAMSAP45676.2019.9022478>
- Rostami S, Lagen S, Costa M, Dini P, Valkama M. **Optimized wake-up scheme with bounded delay for energy-efficient MTC**. julkaisussa 2019 IEEE Global Communications Conference, GLOBECOM 2019 - Proceedings. IEEE. 2019. 9013534 <https://doi.org/10.1109/GLOBECOM38437.2019.9013534>
- Gerasimenko M, Pokorný J, Schneider T, Sirjov J, Andreev S, Hosek J. **Prototyping directional UAV-based wireless access and backhaul systems**. julkaisussa 2019 IEEE Global Communications Conference, GLOBECOM 2019 - Proceedings. IEEE. 2019. 9014228 <https://doi.org/10.1109/GLOBECOM38437.2019.9014228>
- Koivunen S, Olsson T, Olshannikova E, Lindberg A. **Understanding decision-making in recruitment: Opportunities and challenges for information technology**. Proceedings of the ACM on Human-Computer Interaction. 2019 joulu 1;3(GROUP). 242. <https://doi.org/10.1145/3361123>
- Burova A, Kelling C, Keskinen T, Hakulinen J, Kallioniemi P, Väättäjä H et al. **Promoting local culture and enriching airport experiences through interactive storytelling**. julkaisussa Jacucci G, Paterno F, Rohs M, Santoro C, toimittajat, MUM 2019 - 18th International Conference on Mobile and Ubiquitous Multimedia, Proceedings. Association for Computing Machinery. 2019. 3365640. (ACM International Conference Proceeding Series). <https://doi.org/10.1145/3365610.3365640>
- Amaral V, Norberto B, Goulão M, Aldinucci M, Benkner S, Bracciali A et al. **Programming languages for data-intensive HPC applications: A systematic mapping study**. Parallel Computing. 2019 marras 8;91. 102584. <https://doi.org/10.1016/j.parco.2019.102584>
- Vajaranta M, Oinonen A, Hämäläinen TD, Viitamäki V, Markunmäki J, Kulmala A. **Feasibility of FPGA accelerated IPsec on cloud**. Microprocessors and Microsystems. 2019 marras 1;71. 102861. <https://doi.org/10.1016/j.micpro.2019.102861>
- Brihuega A, Abdelaziz M, Anttila L, Barneto CB, Valkama M. **Closed-Loop DPD for Digital MIMO Transmitters under Antenna Crosstalk**. julkaisussa Matthews MB, toimittaja, Conference Record - 53rd Asilomar Conference on Circuits, Systems and Computers, ACSSC 2019. IEEE Computer Society. 2019. s. 1682-1689. 9049001. (Conference Record - Asilomar Conference on Signals, Systems and Computers). <https://doi.org/10.1109/IEEECONF44664.2019.9049001>

Petrov V, Fodor G, Andreev S, Do H, Sahlin H. **V2X Connectivity: From LTE to Joint Millimeter Wave Vehicular Communications and Radar Sensing**. julkaisussa Matthews MB, toimittaja, Conference Record - 53rd Asilomar Conference on Circuits, Systems and Computers, ACSSC 2019. IEEE Computer Society. 2019. s. 1120-1124. 9048846. (Conference Record - Asilomar Conference on Signals, Systems and Computers). <https://doi.org/10.1109/IEEECONF44664.2019.9048846>

Pirmagomedov R, Kirichek R, Blinnikov M, Koucheryavy A. **UAV-based gateways for wireless nanosensor networks deployed over large areas**. Computer Communications. 2019 loka 15;146:55-62. <https://doi.org/10.1016/j.comcom.2019.07.026>

Sadovaya Y, Solomitckii D, Mao W, Orhan O, Nikopour H, Talwar S et al. **Geometry-Based V2V Channel Modeling over Millimeter-Wave in Highway Scenarios**. julkaisussa 11th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops, ICUMT 2019. IEEE. 2019. (International Congress on Ultra Modern Telecommunications and Control Systems and Workshops). <https://doi.org/10.1109/ICUMT48472.2019.8971006>

Masek P, Stusek M, Zeman K, Drapela R, Ometov A, Hosek J. **Implementation of 3GPP LTE Cat-M1 Technology in NS-3: System Simulation and Performance**. julkaisussa 11th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops, ICUMT 2019. IEEE. 2019. (International Congress on Ultra Modern Telecommunications and Control Systems and Workshops). <https://doi.org/10.1109/ICUMT48472.2019.8970869>

Mikhaylov K, Valkama M, Lema MA, Andreev S, Gupta R, Galinina O et al. **Multi-Radio Perspectives for Massive MTC Localization: Energy Consumption and Utility**. julkaisussa 11th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops, ICUMT 2019. IEEE. 2019. (International Congress on Ultra Modern Telecommunications and Control Systems and Workshops). <https://doi.org/10.1109/ICUMT48472.2019.8970969>

Zhukov F, Galinina O, Sopin E, Andreev S, Samouylov K. **On Load-Aware Cell Association Schemes for Group User Mobility in mmWave Networks**. julkaisussa 11th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops, ICUMT 2019. IEEE. 2019. (International Congress on Ultra Modern Telecommunications and Control Systems and Workshops). <https://doi.org/10.1109/ICUMT48472.2019.8970824>

De Oliveira MT, Michalas A, Groot AED, Marquering HA, Olabarriaga SD. **Red Alert: Break-Glass Protocol to Access Encrypted Medical Records in the Cloud**. julkaisussa 2019 IEEE International Conference on E-Health Networking, Application and Services, HealthCom 2019. IEEE. 2019. 9009598 <https://doi.org/10.1109/HealthCom46333.2019.9009598>

Simmons N, Nogueira Da Silva CR, Cotton SL, Sofotasios PC, Ki Yoo S, Yacoub MD. **The Double Shadowed κ - μ Fading Model**. julkaisussa 2019 International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2019. IEEE. 2019. (International Conference on Wireless and Mobile Computing, Networking and Communications). <https://doi.org/10.1109/WiMOB.2019.8923336>

Rajput S, Averbukh M, Yahalom A, Minav T. **An approval of MPPT based on pv cell's simplified equivalent circuit during fast-shading conditions**. Electronics (Switzerland). 2019 syys 1;8(9). 1060. <https://doi.org/10.3390/electronics8091060>

Andreev S, Dobre C. **The Internet of Things and Sensor Networks**. IEEE Communications Magazine. 2019 syys 1;57(9):70-70. <https://doi.org/10.1109/MCOM.2019.8847229>

Lu C, Peltonen J, Nummenmaa T. **Game postmortems vs. developer Reddit AMAs: Computational analysis of developer communication**. julkaisussa Khosmood F, Pirker J, Apperley T, Deterding S, toimittajat, Proceedings of the 14th International Conference on the Foundations of Digital Games, FDG 2019. ACM. 2019. 22 <https://doi.org/10.1145/3337722.3337727>

Nummenmaa T, Kankainen V. **Social features in hybrid board game marketing material**. julkaisussa Khosmood F, Pirker J, Apperley T, Deterding S, toimittajat, Proceedings of the 14th International Conference on the Foundations of Digital Games, FDG 2019. ACM. 2019. 67 <https://doi.org/10.1145/3337722.3341864>

Zare A, Homayouni M, Aminlou A, Hannuksela MM, Gabbouj M. **6K and 8K effective resolution with 4K HEVC decoding capability for 360 video streaming**. ACM Transactions on Multimedia Computing, Communications and Applications. 2019 elo 1;15(2s). 68. <https://doi.org/10.1145/3335053>

Silverajan B, Vistiaho P. **Enabling cybersecurity incident reporting and coordinated handling for maritime sector**. julkaisussa 2019 14th Asia Joint Conference on Information Security, AsiaJCIS 2019. IEEE. 2019. s. 88-95 <https://doi.org/10.1109/AsiaJCIS.2019.000-1>

Tegos SA, Diamantoulakis PD, Pappi K, Sofotasios PC, Muhaidat S, Karagiannidis GK. **Low-complexity sequential information and energy reception**. julkaisussa ISWCS 2019 - 16th International Symposium on Wireless Communication Systems. VDE Verlag GmbH. 2019. s. 635-639. (Proceedings of the International Symposium on Wireless Communication Systems). <https://doi.org/10.1109/ISWCS.2019.8877159>

Liljestrand H, Perez CC, Nyman T, Ekberg JE, Wang K, Asokan N. **PAC it Up: Towards pointer integrity using ARM pointer authentication**. julkaisussa Proceedings of the 28th USENIX Security Symposium. The USENIX Association. 2019. s. 177-194

Bouabdellah M, El Bouanani F, Sofotasios PC, Da Costa DB, Mezher K, Benazza H et al. **Physical layer security for dual-hop SWIPT-enabled CR networks**. julkaisussa ISWCS 2019 - 16th International Symposium on Wireless Communication Systems. VDE Verlag GmbH. 2019. s. 629-634. (Proceedings of the International Symposium on Wireless Communication Systems). <https://doi.org/10.1109/ISWCS.2019.8877163>

Zare M, Huova M, Visa A, Launis S. **Real-time online drilling vibration analysis using data mining**. julkaisussa Proceedings of the 2019 2nd International Conference on Data Science and Information Technology, DSIT 2019. ACM. 2019. s. 175-180 <https://doi.org/10.1145/3352411.3352439>

Robertsén F, Mattila K, Westerholm J. **High-performance SIMD implementation of the lattice-Boltzmann method on the Xeon Phi processor**. Concurrency Computation. 2019 heinä 10;31(13). e5072. <https://doi.org/10.1002/cpe.5072>

Wang W, Okati N, Tanash I, Riihonen T, Lohan E-S. **Location-based beamforming architecture for efficient farming applications with drones**. julkaisussa Lohan E-S, Rugamer A, Nurmi J, Koch W, Heuberger A, toimittajat, 2019 International Conference on Localization and GNSS, ICL-GNSS 2019. IEEE. 2019 <https://doi.org/10.1109/ICL-GNSS.2019.8752698>

Masek P, Stusek M, Zeman K, Mozny R, Ometov A, Hosek J. **A perspective on wireless M-bus for smart electricity grids**. julkaisussa Herencsar N, toimittaja, 2019 42nd International Conference on Telecommunications and Signal Processing, TSP 2019. IEEE. 2019. s. 730-735 <https://doi.org/10.1109/TSP.2019.8768840>

Huttunen MJ, Hristu R, Dumitru A, Costache M, Stanciu SG. **Investigating human skin using deep learning enhanced multiphoton microscopy**. julkaisussa 21st International Conference on Transparent Optical Networks, ICTON 2019. IEEE. 2019. (International Conference on Transparent Optical Networks). <https://doi.org/10.1109/ICTON.2019.8840265>

Gao Y, Bregovic R, Gotchev A, Koch R. **MAST: Mask-accelerated shearlet transform for densely-sampled light field reconstruction**. julkaisussa 2019 IEEE International Conference on Multimedia and Expo, ICME 2019. IEEE. 2019. s. 187-192 <https://doi.org/10.1109/ICME.2019.00040>

Blanc W, Vermillac M, Petit L, Lukowiak A, Lu Z, Mady F et al. **Nanoparticles in optical waveguides: A toolbox to promote lasers, amplifiers and sensors**. julkaisussa 21st International Conference on Transparent Optical Networks, ICTON 2019. IEEE. 2019. (International Conference on Transparent Optical Networks). <https://doi.org/10.1109/ICTON.2019.8840208>

Mozny R, Masek P, Stusek M, Zeman K, Ometov A, Hosek J. **On the performance of narrow-band internet of things (NB-IoT) for delay-tolerant services**. julkaisussa Herencsar N, toimittaja, 2019 42nd International Conference on Telecommunications and Signal Processing, TSP 2019. IEEE. 2019. s. 637-642. (2019 42nd International Conference on Telecommunications and Signal Processing, TSP 2019). <https://doi.org/10.1109/TSP.2019.8768871>

Aryal U, Ojha N, Trautvetter T, Lastusaari M, Ueda J, Mueller R et al. **Persistent luminescent glasses prepared using the direct doping method.** julkaisussa 21st International Conference on Transparent Optical Networks, ICTON 2019. IEEE. 2019. (International Conference on Transparent Optical Networks). <https://doi.org/10.1109/ICTON.2019.8840287>

Zhu L, Wang T, Aksu E, Kämäräinen J-K. **Portrait instance segmentation for mobile devices.** julkaisussa 2019 IEEE International Conference on Multimedia and Expo, ICME 2019. IEEE. 2019. s. 1630-1635
<https://doi.org/10.1109/ICME.2019.00281>

Dudley JM, Ryczkowski P, Närhi M, Billet C, Merolla JM, Lapre C et al. **Real-time measurements of ultrafast instabilities in nonlinear fiber optics: Recent advances.** julkaisussa 21st International Conference on Transparent Optical Networks, ICTON 2019. IEEE. 2019. (International Conference on Transparent Optical Networks).
<https://doi.org/10.1109/ICTON.2019.8840476>

Huttunen MJ, Stolt T, Reshef O, Kiviniemi A, Czaplicki R, Zang X et al. **Towards efficient nonlinear plasmonic metasurfaces.** julkaisussa 21st International Conference on Transparent Optical Networks, ICTON 2019. IEEE. 2019. (International Conference on Transparent Optical Networks). <https://doi.org/10.1109/ICTON.2019.8840277>

Mäkelä V, Linna J, Keskinen T, Hakulinen J, Turunen M. **Acceptance and perceptions of interactive location-tracking displays.** julkaisussa Gentile V, Cauchard JR, toimittajat, Pervasive Displays 2019 - 8th ACM International Symposium on Pervasive Displays, PerDis 2019. ACM. 2019. a17 <https://doi.org/10.1145/3321335.3324931>

Mitchell R, Olsson T. **Facilitating the first move: Exploring inspirational design patterns for aiding initiation of social encounters.** julkaisussa Tellioglu H, Cech F, toimittajat, C&T 2019 - 9th International Conference on Communities and Technologies, Conference Proceedings. ACM. 2019. s. 283-294 <https://doi.org/10.1145/3328320.3328396>

Ellman A, Tiainen T. **Diffusion of innovation: Case of co-design of cabins in mobile work machine industry.** Computers. 2019 kesä 1;8(2). 39. <https://doi.org/10.3390/computers8020039>

Mikhaylov K, Petrov V, Gupta R, Lema MA, Galinina O, Andreev S et al. **Energy Efficiency of Multi-Radio Massive Machine-Type Communication (MR-MMTC): Applications, Challenges, and Solutions.** IEEE Communications Magazine. 2019 kesä 1;57(6):100-106. 8694791. <https://doi.org/10.1109/MCOM.2019.1800394>

Amato G, Falchi F, Gennaro C, Massoli FV, Passalis N, Tefas A et al. **Face verification and recognition for digital forensics and information security.** julkaisussa Varol A, Karabatak M, Varol C, Teke S, toimittajat, 7th International Symposium on Digital Forensics and Security, ISDFS 2019. IEEE. 2019 <https://doi.org/10.1109/ISDFS.2019.8757511>

Andreev S, Petrov V, Dohler M, Yanikomeroglu H. **Future of Ultra-Dense Networks Beyond 5G: Harnessing Heterogeneous Moving Cells.** IEEE Communications Magazine. 2019 kesä 1;57(6):66-92. 8722593.
<https://doi.org/10.1109/MCOM.2019.1800056>

Asp A, Hentilä T, Valkama M, Pikkuvirta J, Hujanen A, Huhtinen I. **Impact of Different Concrete Types on Radio Propagation: Fundamentals and Practical RF Measurements.** julkaisussa Rodrigues JJPC, Solic P, Perkovic T, Vukojevic K, Rodrigues JJPC, Patrono L, Nizetic S, toimittajat, 2019 4th International Conference on Smart and Sustainable Technologies, SpliTech 2019. IEEE. 2019 <https://doi.org/10.23919/SpliTech.2019.8783022>

Pihlajasalo J, Leppäkoski H, Kuismanen S, Ali-Löytty S, Piche R. **Methods for long-term GNSS clock offset prediction.** julkaisussa Nurmi J, Lohan E-S, Rugamer A, Heuberger A, Koch W, toimittajat, 2019 International Conference on Localization and GNSS, ICL-GNSS 2019: 4-6 June 2019, Nuremberg, Germany. IEEE. 2019. (International Conference on Localization and GNSS). <https://doi.org/10.1109/ICL-GNSS.2019.8752725>

Rostami S, Heiska K, Puchko O, Leppanen K, Valkama M. **Pre-Grant Signaling for Energy-Efficient 5G and Beyond Mobile Devices: Method and Analysis.** IEEE Transactions on Green Communications and Networking. 2019 kesä 1;3(2):418-432. 8616818. <https://doi.org/10.1109/TGCN.2019.2893504>

Bezzateev S, Voloshina N, Zhidanov K, Ometov A. **Secure environmental monitoring for industrial internet of things: From framework to live implementation.** julkaisussa Lohan E-S, Rugamer A, Nurmi J, Koch W, Heuberger A, toimittajat, 2019 International Conference on Localization and GNSS, ICL-GNSS 2019. IEEE. 2019 <https://doi.org/10.1109/ICL-GNSS.2019.8752764>

Moltchanov D, Kovalchukov R, Gerasimenko M, Andreev S, Koucheryav Y, Gerla M. **Socially inspired relaying and proactive mode selection in mmWave vehicular communications.** IEEE Internet of Things Journal. 2019 kesä 1;6(3):5172-5183. <https://doi.org/10.1109/JIOT.2019.2898420>

Magazinik A, Bedolla JS, Lasheras NC, Mäkinen S. **Societal impact as Cost-Benefit Analysis: Comparative analysis of two research infrastructures.** julkaisussa 2019 IEEE International Conference on Engineering, Technology and Innovation, ICE/ITMC 2019. IEEE. 2019 <https://doi.org/10.1109/ICE.2019.8792600>

Dinh TD, Pirmagomedov R, Pham VD, Ahmed AA, Kirichek R, Glushakov R et al. **Unmanned aerial system-assisted wilderness search and rescue mission.** International Journal of Distributed Sensor Networks. 2019 kesä 1;15(6). <https://doi.org/10.1177/1550147719850719>

Kishore R, Gurugopinath S, Sofotasios PC, Muhaidat S, Al-Dhahir N. **Opportunistic ambient backscatter communication in RF-Powered cognitive radio networks.** IEEE Transactions on Cognitive Communications and Networking . 2019 kesä;5(2):413-426. 8672817. <https://doi.org/10.1109/TCCN.2019.2907090>

Lunden O-P, Paldanius T. **Linearization of BJTs with logarithmic predistortion.** julkaisussa 2019 IEEE Radio and Wireless Symposium, RWS 2019. IEEE. 2019. (IEEE Radio and Wireless Symposium, RWS). <https://doi.org/10.1109/RWS.2019.8714520>

Barneto CB, Anttila L, Fleischer M, Valkama M. **OFDM radar with LTE waveform: Processing and performance.** julkaisussa 2019 IEEE Radio and Wireless Symposium, RWS 2019. IEEE COMPUTER SOCIETY PRESS. 2019. 8714410. (IEEE Radio and Wireless Symposium, RWS). <https://doi.org/10.1109/RWS.2019.8714410>

Heinisuo O-P, Lenarduzzi V, Taibi D. **Asterism: Decentralized file sharing application for mobile devices.** julkaisussa 2019 7th IEEE International Conference on Mobile Cloud Computing, Services, and Engineering, MobileCloud 2019. IEEE. 2019. s. 38-47 <https://doi.org/10.1109/MobileCloud.2019.00013>

Jaakkola H, Henno J, Mäkelä J, Thalheim B. **Artificial intelligence yesterday, today and tomorrow.** julkaisussa Skala K, Car Z, Pale P, Huljenic D, Janjic M, Koracic M, Sruk V, Ribaric S, Grbac TG, Butkovic Z, Cicin-Sain M, Skvorc D, Mauher M, Babic S, Gros S, Vrdoljak B, Tijan E, toimittajat, 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. IEEE. 2019. s. 860-867 <https://doi.org/10.23919/MIPRO.2019.8756913>

Andreev S, Petrov V, Huang K, Lema MA, Dohler M. **Dense Moving Fog for Intelligent IoT: Key Challenges and Opportunities.** IEEE Communications Magazine. 2019 touko 1;57(5):34-41. 8648449. <https://doi.org/10.1109/MCOM.2019.1800226>

Li S, Bariah L, Muhaidat S, Sofotasios P, Liang J, Wang A. **Error analysis of NOMA-based user cooperation with SWIPT.** julkaisussa Proceedings - 15th Annual International Conference on Distributed Computing in Sensor Systems, DCOSS 2019. IEEE. 2019. s. 507-513 <https://doi.org/10.1109/DCOSS.2019.00098>

Adrat M, Keller R, Tschauner M, Wilden S, Le Nir V, Riihonen T et al. **Full-Duplex Radio - Increasing the Spectral Efficiency for Military Applications.** julkaisussa 2019 International Conference on Military Communications and Information Systems, ICMCIS 2019. IEEE. 2019 <https://doi.org/10.1109/ICMCIS.2019.8842748>

Talvitie J, Koivisto M, Levanen T, Valkama M, Destino G, Wymeersch H. **High-Accuracy Joint Position and Orientation Estimation in Sparse 5G mmWave Channel.** julkaisussa 2019 IEEE International Conference on Communications, ICC 2019 - Proceedings. IEEE. 2019. (IEEE International Conference on Communications). <https://doi.org/10.1109/ICC.2019.8761910>

Linna P, Narra N, Grönman J. **Intelligent data service for farmers**. julkaisussa Skala K, Car Z, Pale P, Huljenic D, Janjic M, Koricic M, Sruc V, Ribaric S, Grbac TG, Butkovic Z, Cicin-Sain M, Skvorc D, Mauher M, Babic S, Gros S, Vrdoljak B, Tijan E, toimittajat, 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. IEEE. 2019. s. 1072-1075 <https://doi.org/10.23919/MIPRO.2019.8756688>

Saikanmäki J, Turunen M, Mäenpää M, Saarinen A-P, Riihonen T. **Simultaneous Jamming and RC System Detection by Using Full-Duplex Radio Technology**. julkaisussa 2019 International Conference on Military Communications and Information Systems, ICMCIS 2019. IEEE. 2019 <https://doi.org/10.1109/ICMCIS.2019.8842727>

Päriln K, Riihonen T, Turunen M. **Sweep Jamming Mitigation Using Adaptive Filtering for Detecting Frequency Agile Systems**. julkaisussa 2019 International Conference on Military Communications and Information Systems, ICMCIS 2019. IEEE. 2019 <https://doi.org/10.1109/ICMCIS.2019.8842761>

Henno J, Jaakkola H, Mäkelä J. **Teaching for virtual work**. julkaisussa Skala K, Car Z, Pale P, Huljenic D, Janjic M, Koricic M, Sruc V, Ribaric S, Grbac TG, Butkovic Z, Cicin-Sain M, Skvorc D, Mauher M, Babic S, Gros S, Vrdoljak B, Tijan E, toimittajat, 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2019 - Proceedings. IEEE. 2019. s. 818-826 <https://doi.org/10.23919/MIPRO.2019.8756778>

Silverajan B, Zhao H, Kamath A. **A Semantic Meta-Model Repository for Lightweight M2M**. julkaisussa 2018 IEEE International Conference on Communication Systems, ICCS 2018. IEEE. 2019. s. 468-472 <https://doi.org/10.1109/ICCS.2018.8689185>

Sofotasios PC, Yoo SK, Cotton SL, Muhaidat S, Lopez-Martinez FJ, Romero-Jerez JM et al. **Achievable ergodic capacity under f composite fading conditions**. julkaisussa El Bouanani F, Sofotasios PC, da Costa DB, Sofotasios PC, Ayoub F, toimittajat, 2019 International Conference on Advanced Communication Technologies and Networking, CommNet 2019. IEEE. 2019 <https://doi.org/10.1109/COMMNET.2019.8742378>

Sofotasios PC, Yoo SK, Muhaidat S, Cotton SL, Lopez-Martinez FJ, Romero-Jerez JM et al. **Achievable fixed rate capacity in emerging wireless systems (invited paper)**. julkaisussa El Bouanani F, Sofotasios PC, da Costa DB, Sofotasios PC, Ayoub F, toimittajat, 2019 International Conference on Advanced Communication Technologies and Networking, CommNet 2019. IEEE. 2019. 8742381 <https://doi.org/10.1109/COMMNET.2019.8742381>

Khan MA, Vehmas R, Visa A. **Automatic detection of water inside concrete slabs using ground penetrating radar**. julkaisussa 2019 IEEE Radar Conference, RadarConf 2019. IEEE. 2019 <https://doi.org/10.1109/RADAR.2019.8835797>

Petrov V, Moltchanov D, Jornet JM, Koucheryavy Y. **Exploiting Multipath Terahertz Communications for Physical Layer Security in beyond 5G Networks**. julkaisussa INFOCOM 2019 - IEEE Conference on Computer Communications Workshops, INFOCOM WKSHPs 2019. IEEE. 2019. s. 865-872 <https://doi.org/10.1109/INFOCOMW.2019.8845312>

Illi E, Bouanani FE, Da Costa DB, Sofotasios PC, Ayoub F, Mezher K et al. **On the physical layer security of a regenerative relay-based mixed RF/UOWC**. julkaisussa El Bouanani F, Sofotasios PC, da Costa DB, Sofotasios PC, Ayoub F, toimittajat, 2019 International Conference on Advanced Communication Technologies and Networking, CommNet 2019. IEEE. 2019 <https://doi.org/10.1109/COMMNET.2019.8742355>

Bouabdellah M, Bouanani FE, Da Costa DB, Sofotasios PC, Bcn-Azza H, Mezher K et al. **On the secrecy analysis of dual-hop underlay multi-source CRNs with multi-eavesdroppers and a multi-antenna destination**. julkaisussa El Bouanani F, Sofotasios PC, da Costa DB, Sofotasios PC, Ayoub F, toimittajat, 2019 International Conference on Advanced Communication Technologies and Networking, CommNet 2019. IEEE. 2019. 8742354 <https://doi.org/10.1109/COMMNET.2019.8742354>

Moualeu JM, Sofotasios PC, Da Costa DB, Hamouda W, Dias US, Muhaidat S. **Physical-layer security over generalized SIMO multipath fading channels**. julkaisussa El Bouanani F, Sofotasios PC, da Costa DB, Sofotasios PC, Ayoub F, toimittajat, 2019 International Conference on Advanced Communication Technologies and Networking, CommNet 2019. IEEE. 2019 <https://doi.org/10.1109/COMMNET.2019.8742357>

Kishore R, Gurugopinath S, Muhaidat S, Sofotasios PC, Mezher K, Dobre OA et al. **Superior selective reporting-based spectrum sensing in energy harvesting-aided HCRNs**. julkaisussa El Bouanani F, Sofotasios PC, da Costa DB, Sofotasios PC, Ayoub F, toimittajat, 2019 International Conference on Advanced Communication Technologies and Networking, CommNet 2019. IEEE. 2019. 8742385 <https://doi.org/10.1109/COMMNET.2019.8742385>

Robles MI, Silverajan B, Narendra NC. **Web of Things Semantic Functionality Distance**. julkaisussa 2019 26th International Conference on Telecommunications, ICT 2019. IEEE. 2019. s. 260-264 <https://doi.org/10.1109/ICT.2019.8798818>

Kishore R, Gurugopinath S, Muhaidat S, Sofotasios PC, Dobre OA, Al-Dhahir N. **Sensing-throughput tradeoff for superior selective reporting-based spectrum sensing in energy harvesting HCRNs**. IEEE Transactions on Cognitive Communications and Networking . 2019 maaliskuu 22;5(2):330-341. 8672813. <https://doi.org/10.1109/TCCN.2019.2906915>

Kuang Y, Ma S, Ukkonen L, Virkki J, Björninen T. **Circularly Polarized Textile Tag Antenna for Wearable Passive UHF RFID Systems**. julkaisussa 2018 International Applied Computational Electromagnetics Society Symposium in China, ACES-China 2018. IEEE. 2019 <https://doi.org/10.23919/ACCESS.2018.8669314>

Ma S, Ukkonen L, Sydänheimo L, Björninen T. **Comparison of Human Head Phantoms with Different Complexities for Implantable Antenna Development**. julkaisussa 2018 International Applied Computational Electromagnetics Society (ACES) Symposium: 29 July-1 Aug. 2018, China. IEEE. 2019 <https://doi.org/10.23919/ACCESS.2018.8669363>

Ometov A, Petrov V, Bezzateev S, Andreev S, Koucheryavy Y, Gerla M. **Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications**. IEEE Network. 2019 maaliskuu 1;33(2):82-88. <https://doi.org/10.1109/MNET.2019.1800240>

Pournoori N, Ukkonen L, Sydänheimo L, Björninen T. **Charge Storage Level Sensor RFID Tag: Impedance Matching and Experimental Characterisation**. julkaisussa 13th European Conference on Antennas and Propagation, EuCAP 2019. IEEE. 2019

Kordelin K, Virkki J, Kordelin J, Kuusman J, Mattila J, Johansson M et al. **Optimization of RFID-Based Tunnel Access Monitoring System Antenna Reading Areas**. julkaisussa 13th European Conference on Antennas and Propagation, EuCAP 2019. IEEE. 2019. 8739592

Semkin V, Ponomarenko-Timofeev A, Karttunen A, Galinina O, Andreev S, Koucheryavy Y. **Path Loss Characterization for Intra-Vehicle Wearable Deployments at 60 GHz**. julkaisussa 13th European Conference on Antennas and Propagation, EuCAP 2019. IEEE. 2019

Khan Z, Rizwan M, Rusanen R, Ukkonen L, Virkki J. **Strain Reliability of Embroidered Passive UHF RFID Tags on 3D-printed Substrates**. julkaisussa 13th European Conference on Antennas and Propagation, EuCAP 2019. IEEE. 2019

Yoo SK, Cotton SL, Sofotasios PC, Muhaidat S, Badarneh OS, Karagiannidis GK. **Energy Detection-Based Spectrum Sensing over Fisher-Snedecor F Fading Channels**. julkaisussa 2018 IEEE Global Communications Conference. IEEE. 2019. 8647778 <https://doi.org/10.1109/GLOCOM.2018.8647778>

Kovalchukov R, Moltchanov D, Begishev V, Samuylov A, Andreev S, Koucheryavy Y et al. **Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth**. julkaisussa 2018 IEEE Global Communications Conference, GLOBECOM 2018. IEEE. 2019 <https://doi.org/10.1109/GLOCOM.2018.8647608>

Li X, You C, Andreev S, Gong Y, Huang K. **Wirelessly Powered Crowd Sensing: Joint Power Transfer, Sensing, Compression, and Transmission**. IEEE Journal on Selected Areas in Communications. 2019 helmikuu;37(2):391-406. <https://doi.org/10.1109/JSAC.2018.2872379>

Lu X, Petrov V, Moltchanov D, Andreev S, Mahmoodi T, Dohler M. **5G-U: Conceptualizing Integrated Utilization of Licensed and Unlicensed Spectrum for Future IoT.** IEEE Communications Magazine. 2019;57(7):92-98. 8722595. <https://doi.org/10.1109/MCOM.2019.1800663>

Niemelä P, Partanen T, Toivanen T, Toikkanen T, Kangas V, Översti M. **Code ABC hackathons: Teachers as tinkers.** julkaisussa Digital Turn in Schools - Research, Policy, Practice: Proceedings of ICEM 2018 Conference. Springer International Publishing. 2019. s. 157-169. (Lecture Notes in Educational Technology). https://doi.org/10.1007/978-981-13-7361-9_11

Viri R, Aunimo L, Aramo-Immonen H. **Connected and Multimodal Passenger Transport Through Big Data Analytics: Case Tampere City Region, Finland.** julkaisussa Camarinha-Matos LM, Afsarmanesh H, Antonelli D, toimittajat, Collaborative Networks and Digital Transformation - 20th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE 2019, Proceedings. Springer New York LLC. 2019. s. 527-538. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-030-28464-0_46

Siltala N, Järvenpää E, Lanz M. **Creating resource combinations based on formally described hardware interfaces.** julkaisussa Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers. Vuosikerta 530. Springer New York LLC. 2019. s. 29-39. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-030-05931-6_3

Sharifzadeh S, Tata J, Tan B. **Farm detection based on deep convolutional neural nets and semi-supervised green texture detection using VIS-NIR satellite image.** julkaisussa Hammoudi S, Quix C, Bernardino J, toimittajat, DATA 2019 - Proceedings of the 8th International Conference on Data Science, Technology and Applications. SCITEPRESS. 2019. s. 100-108 <https://doi.org/10.5220/0007954901000108>

Dang D, Pekkola S. **Institutional Perspectives on the Process of Enterprise Architecture Adoption.** Information Systems Frontiers. 2019. <https://doi.org/10.1007/s10796-019-09944-8>

Srinivasan S, Dikmese S, Renfors M. **Interpolation-Based Interference Rejection Combining for Black-Space Cognitive Radio in Time-Varying Channels.** julkaisussa Bader F, Kryszkiewicz P, Dimitriou N, Kliks A, Sybis M, Triantafyllopoulou D, Caicedo CE, Sezgin A, toimittajat, Cognitive Radio-Oriented Wireless Networks - 14th EAI International Conference, CrownCom 2019. Springer Verlag. 2019. s. 168-179. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-030-25748-4_13

Luoto A. **Log analysis of 360-degree video users via MQTT.** julkaisussa ICGDA 2019: Proceedings of the 2019 2nd International Conference on Geoinformatics and Data Analysis . ACM. 2019. s. 130-137 <https://doi.org/10.1145/3318236.3318248>

Bakas A, Michalas A. **Modern Family: A Revocable Hybrid Encryption Scheme Based on Attribute-Based Encryption, Symmetric Searchable Encryption and SGX.** julkaisussa Chen S, Choo K-KR, Fu X, Lou W, Mohaisen A, toimittajat, Security and Privacy in Communication Networks - 15th EAI International Conference, SecureComm 2019, Proceedings. Springer. 2019. s. 472-486. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST). https://doi.org/10.1007/978-3-030-37231-6_28

Dikmese S, Lamichhane K, Renfors M. **Novel Filter Bank Based Cooperative Spectrum Sensing Under RF Impairments and Channel Fading Beyond 5G Cognitive Radios.** julkaisussa Bader F, Kryszkiewicz P, Dimitriou N, Kliks A, Sybis M, Triantafyllopoulou D, Caicedo CE, Sezgin A, toimittajat, Cognitive Radio-Oriented Wireless Networks - 14th EAI International Conference, CrownCom 2019, Proceedings. Springer Verlag. 2019. s. 45-58. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-030-25748-4_4

Kislitsyn AA, Orlov YN, Moltchanov DA, Samuylov AK, Chukarin AV, Gaidamaka YV. **On the Distribution of the Stationary Point of Significance Level for Empirical Distribution Function.** julkaisussa 2018 10th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE COMPUTER SOCIETY PRESS. 2019. (International Congress on Ultra Modern Telecommunications and Control Systems and Workshops). <https://doi.org/10.1109/ICUMT.2018.8631234>

Talvitie J, Levanen T, Koivisto M, Ihalainen T, Pajukoski K, Valkama M. **Positioning and Location-Aware Communications for Modern Railways with 5G New Radio**. IEEE Communications Magazine. 2019;57(9):24-30. <https://doi.org/10.1109/MCOM.001.1800954>

Changizi A, Lanz M. **The comfort zone concept in a human-robot cooperative task**. julkaisussa Precision Assembly in the Digital Age - 8th IFIP WG 5.5 International Precision Assembly Seminar, IPAS 2018, Revised Selected Papers. Vuosikerta 530. Springer New York LLC. 2019. s. 82-91. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-030-05931-6_8

Cognet B, Pernot JP, Rivest L, Danjou C, Wuest T, Kärkkäinen H et al. **Towards a novel comparison framework of digital maturity assessment models**. julkaisussa Fortin C, Rivest L, Bernard A, Bouras A, toimittajat, Product Lifecycle Management in the Digital Twin Era - 16th IFIP WG 5.1 International Conference, PLM 2019, Revised Selected Papers: Moscow, Russia, July 8–12, 2019. Vuosikerta 565. Springer. 2019. s. 58-71. (IFIP Advances in Information and Communication Technology). https://doi.org/10.1007/978-3-030-42250-9_6

Badarneh OS, Sofotasios PC, Muhaidat S, Cotton SL, Rabie K, Al-Dhahir N. **On the Secrecy Capacity of Fisher-Snedecor F Fading Channels**. julkaisussa 2018 14th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2018. IEEE. 2018. s. 102-107 <https://doi.org/10.1109/WiMOB.2018.8589137>

Badarneh OS, Muhaidat S, Sofotasios PC, Cotton SL, Rabie K, Da Costa DB. **The N-Fisher-Snedecor F Cascaded Fading Model**. julkaisussa 2018 14th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2018. IEEE. 2018 <https://doi.org/10.1109/WiMOB.2018.8589124>

Zolfaghari H, Rossi D, Nurmi J. **Low-latency Packet Parsing in Software Defined Networks**. julkaisussa 2018 IEEE Nordic Circuits and Systems Conference (NORCAS): NORCHIP and International Symposium of System-on-Chip (SoC). IEEE. 2018 <https://doi.org/10.1109/NORCHIP.2018.8573461>

Slezak C, Semkin V, Andreev S, Koucheryavy Y, Rangan S. **Empirical Effects of Dynamic Human-Body Blockage in 60 GHz Communications**. IEEE Communications Magazine. 2018 joulu 1;56(12):60-66. <https://doi.org/10.1109/MCOM.2018.1800232>

Mäenpää H, Mäkinen S, Kilamo T, Mikkonen T, Männistö T, Ritala P. **Organizing for openness: six models for developer involvement in hybrid OSS projects**. Journal of Internet Services and Applications. 2018 joulu 1;9(1). 17. <https://doi.org/10.1186/s13174-018-0088-1>

Lohan ES, Koivisto M, Galinina O, Andreev S, Tölli A, Destino G et al. **Benefits of Positioning-Aided Communication Technology in High-Frequency Industrial IoT**. IEEE Communications Magazine. 2018 marras 14;56(12):142-148. 8535084. <https://doi.org/10.1109/MCOM.2018.1701057>

Nouri S, Rossi D, Nurmi J. **Power mitigation of a heterogeneous multicore architecture on FPGA/ASIC by DFS/DVFS techniques**. Microprocessors and Microsystems. 2018 marras 1;63:259-268. <https://doi.org/10.1016/j.micpro.2018.09.010>

Gapeyenko M, Petrov V, Moltchanov D, Andreev S, Himayat N, Koucheryavy Y. **Flexible and Reliable UAV-Assisted Backhaul Operation in 5G mmWave Cellular Networks**. IEEE Journal on Selected Areas in Communications. 2018 marras;36(11):2486-2496. <https://doi.org/10.1109/JSAC.2018.2874145>

Varsaluoma J, Väättäjä H, Heimonen T, Tiitinen K, Hakulinen J, Turunen M et al. **Guidelines for development and evaluation of usage data analytics tools for human-machine interactions with industrial manufacturing systems**. julkaisussa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. 2018. s. 172-181 <https://doi.org/10.1145/3275116.3275138>

Kelling C, Karhu J, Kauhanen O, Turunen M, Väättäjä H, Lindqvist V. **Implications of audio and narration in the user experience design of virtual reality**. julkaisussa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. 2018. s. 258-261 <https://doi.org/10.1145/3275116.3275153>

Ratia M, Myllärniemi J, Helander N. **Robotic process automation - Creating value by digitalizing work in the private healthcare?** julkaisussa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. 2018. s. 222-227 <https://doi.org/10.1145/3275116.3275129>

Luoto A. **Systematic literature review on user logging in virtual reality.** julkaisussa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. 2018. s. 110-117 <https://doi.org/10.1145/3275116.3275123>

Burova A, Kelling C, Hakulinen J, Kallioniemi P, Keskinen T, Turunen M et al. **The Finnish you – An interactive storytelling application for an airport environment.** julkaisussa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. 2018. s. 182-191 <https://doi.org/10.1145/3275116.3275142>

Majuri M, Lanz M. **Social capital characteristics in RD project networks.** julkaisussa 2018 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE. 2018. 8481775 <https://doi.org/10.23919/PICMET.2018.8481775>

Mäkinen J, Sahin E, Gotchev A. **Analysis of accommodation cues in holographic stereograms.** julkaisussa 2018 - 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018. IEEE. 2018. 8478586 <https://doi.org/10.1109/3DTV.2018.8478586>

Akpinar U, Sahin E, Gotchev A. **Viewing simulation of integral imaging display based on wave optics.** julkaisussa 2018 - 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018. IEEE. 2018. 8478568 <https://doi.org/10.1109/3DTV.2018.8478568>

Kovalchukov R, Moltchanov D, Samuylov A, Ometov A, Andreev S, Koucheryav Y et al. **Analyzing Effects of Directionality and Random Heights in Drone-based mmWave Communication.** IEEE Transactions on Vehicular Technology. 2018 loka;67(10):10064-10069. <https://doi.org/10.1109/TVT.2018.2857215>

Ma H, Yu S, Gabbouj M, Mueller P. **Guest Editorial Special Issue on Multimedia Big Data in Internet of Things.** IEEE Internet of Things Journal. 2018 loka;5(5):3405-3407. 8534720. <https://doi.org/10.1109/JIOT.2018.2875580>

Obaid M, Kaipainen K, Ocnarecu I, Ahtinen A. **Designing for experiences with socially interactive robots.** julkaisussa NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction. ACM. 2018. s. 948-951 <https://doi.org/10.1145/3240167.3240257>

Aspling F, Juhlin O, Väättäjä H. **Understanding animals: A critical challenge in ACI.** julkaisussa NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction. ACM. 2018. s. 148-160 <https://doi.org/10.1145/3240167.3240226>

Del Cerro PR, Saarinen M, Massera J, Norrbo I, Lastusaari M, Petit L. **Processing and Characterization of Bioactive Borosilicate Glasses and Scaffolds with Persistent Luminescence.** julkaisussa 2018 20th International Conference on Transparent Optical Networks, ICTON 2018. Vuosikerta 2018-July. IEEE COMPUTER SOCIETY PRESS. 2018. 8473916. (Conference proceedings : International Conference on Transparent Optical Networks). <https://doi.org/10.1109/ICTON.2018.8473916>

Iffikhar U, Mohammed WM, Ferrer BR, Lastra JLM. **A Framework for Data Collection, Transformation and Processing in Industrial Systems.** julkaisussa Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018. Institute of Electrical and Electronics Engineers Inc. 2018. s. 707-712. 8471996. (IEEE International Conference on Industrial Informatics). <https://doi.org/10.1109/INDIN.2018.8471996>

Seyedamir A, Ferrer BR, Lastra JLM. **An ISA-95 based Ontology for Manufacturing Systems Knowledge Description Extended with Semantic Rules.** julkaisussa Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018. Institute of Electrical and Electronics Engineers Inc. 2018. s. 374-380. 8471929. (IEEE International Conference on Industrial Informatics). <https://doi.org/10.1109/INDIN.2018.8471929>

Mohammed WM, Ferrer BR, Iftikhar U, Lastra JLM, Simarro JH. **Supporting a Cloud Platform with Streams of Factory Shop Floor Data in the Context of the Industry 4.0.** julkaisussa Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018. Institute of Electrical and Electronics Engineers Inc. 2018. s. 786-791. 8471981. (IEEE International Conference on Industrial Informatics). <https://doi.org/10.1109/INDIN.2018.8471981>

Ferrer BR, Mohammed WM, Martinez Lastra JL, Villalonga A, Beruvides G, Castano F et al. **Towards the Adoption of Cyber-Physical Systems of Systems Paradigm in Smart Manufacturing Environments.** julkaisussa Proceedings - IEEE 16th International Conference on Industrial Informatics, INDIN 2018. Institute of Electrical and Electronics Engineers Inc. 2018. s. 792-799. 8472061. (IEEE International Conference on Industrial Informatics). <https://doi.org/10.1109/INDIN.2018.8472061>

Lummi K, Rautiainen A, Jarventausta P, Heine P, Lehtinen J, Hyvarinen M et al. **Alternative Power-Based Pricing Schemes for Distribution Network Tariff of Small Customers.** julkaisussa International Conference on Innovative Smart Grid Technologies, ISGT Asia 2018. Institute of Electrical and Electronics Engineers Inc. 2018. s. 581-586 <https://doi.org/10.1109/ISGT-Asia.2018.8467793>

Petrov V, Moltchanov D, Koucheryavy Y, Jornet JM. **The effect of small-scale mobility on terahertz band communications.** julkaisussa Proceedings of the 5th ACM International Conference on Nanoscale Computing and Communication, NANOCOM 2018. ACM. 2018 <https://doi.org/10.1145/3233188.3242902>

Adonias GL, Barros MT, Doyle L, Balasubramaniam S. **Utilising EEG signals for modulating neural molecular communications.** julkaisussa Proceedings of the 5th ACM International Conference on Nanoscale Computing and Communication, NANOCOM 2018. Association for Computing Machinery, Inc. 2018 <https://doi.org/10.1145/3233188.3236333>

Ratia M. **Intellectual capital and bi-tools in private healthcare value creation.** Electronic Journal of Knowledge Management . 2018 syys 1;16(2):143-154.

Zolfaghari H, Rossi D, Nurmi J. **An Explicitly Parallel Architecture for Packet Parsing in Software Defined Networks.** julkaisussa 2018 IEEE 29th International Conference on Application-specific Systems, Architectures and Processors (ASAP). IEEE. 2018. (IEEE International Conference on Application-Specific Systems, Architectures, and Processors). <https://doi.org/10.1109/ASAP.2018.8445123>

Zhang H, Kiranyaz S, Gabbouj M. **Data Clustering Based on Community Structure in Mutual k-Nearest Neighbor Graph.** julkaisussa 2018 41st International Conference on Telecommunications and Signal Processing, TSP 2018. IEEE. 2018. s. 262-268. 8441226 <https://doi.org/10.1109/TSP.2018.8441226>

Soininen T, Syrjärinne P, Ali-Löytty S, Schmid C. **Data-Driven Approach to Satellite Selection in Multi-Constellation GNSS Receivers.** julkaisussa ICL-GNSS 2018 - 2018 8th International Conference on Localization and GNSS: Seamless Indoor-Outdoor Localization, Proceedings. IEEE. 2018 <https://doi.org/10.1109/ICL-GNSS.2018.8440912>

Rastorgueva-Foi E, Costa M, Koivisto M, Leppänen K, Valkama M. **Localization and Tracking in mmWave Radio Networks using Beam-Based DoD Measurements.** julkaisussa ICL-GNSS 2018 - 2018 8th International Conference on Localization and GNSS: Seamless Indoor-Outdoor Localization, Proceedings. IEEE. 2018. 8440914. (International Conference on Localization and GNSS). <https://doi.org/10.1109/ICL-GNSS.2018.8440914>

Khosravi Z, Gerasimenko M, Andreev S, Koucheryavy Y. **Performance Evaluation of UAV-Assisted mmWave Operation in Mobility-Enabled Urban Deployments.** julkaisussa 2018 41st International Conference on Telecommunications and Signal Processing, TSP 2018. IEEE. 2018. s. 150-153. 8441321 <https://doi.org/10.1109/TSP.2018.8441321>

Pihlajasalo J, Leppäkoski H, Ali-Löytty S, Piché R. **Improvement of GPS and BeiDou extended orbit predictions with CNNs** . julkaisussa 26th European Navigation Conference, ENC 2018: Gothenburg, Sweden, 14-17 May, 2018. IEEE. 2018. s. 54-59. 8433244 <https://doi.org/10.1109/EURONAV.2018.8433244>

Coatanea E, Roca R. **Dimensional analysis conceptual modeling supporting adaptable reasoning in simulation-based training.** julkaisussa 2018 13th System of Systems Engineering Conference, SoSE 2018. IEEE. 2018. s. 245-252 <https://doi.org/10.1109/SYBOSE.2018.8428785>

Orsino A, Galinina O, Andreev S, Yilmaz ONC, Tirronen T, Torsner J et al. **Improving initial access reliability of 5G mmWave cellular in massive V2X communications scenarios.** julkaisussa 2018 IEEE International Conference on Communications, ICC 2018. IEEE. 2018. 8422158 <https://doi.org/10.1109/ICC.2018.8422158>

Mikhaylov K, Stusek M, Masek P, Petrov V, Petajajarvi J, Andreev S et al. **Multi-RAT LPWAN in Smart Cities: Trial of LoRaWAN and NB-IoT Integration.** julkaisussa 2018 IEEE International Conference on Communications, ICC 2018 - Proceedings. IEEE. 2018. 8422979 <https://doi.org/10.1109/ICC.2018.8422979>

Rostami S, Heiska K, Puchko O, Leppänen K, Valkama M. **Robust pre-grant signaling for energy-efficient 5G and beyond mobile devices.** julkaisussa 2018 IEEE International Conference on Communications, ICC 2018 - Proceedings. IEEE. 2018 <https://doi.org/10.1109/ICC.2018.8422523>

Georgiev M, Gotchev A. **Improved depth compression by depth downsampling guided by color super-pixel refinement segmentation.** julkaisussa Proceedings - DCC 2018: 2018 Data Compression Conference. IEEE. 2018 <https://doi.org/10.1109/DCC.2018.00062>

Viitanen M, Vanne J, Hämäläinen TD, Kulmala A. **Low latency edge rendering scheme for interactive 360 degree virtual reality gaming.** julkaisussa Proceedings - 2018 IEEE 38th International Conference on Distributed Computing Systems, ICDCS 2018. IEEE. 2018. s. 1557-1560 <https://doi.org/10.1109/ICDCS.2018.00168>

Lemmetti A, Kallio E, Viitanen M, Vanne J, Hamalainen TD. **Rate-distortion-complexity optimized coding scheme for kvazaar HEVC intra encoder.** julkaisussa Proceedings - DCC 2018: 2018 Data Compression Conference. IEEE. 2018 <https://doi.org/10.1109/DCC.2018.00072>

Sjöblom M, Hassan L, Macey J, Törhönen M, Hamari J. **Liking the game: How can spectating motivations influence social media usage at live esports events?** julkaisussa Proceedings of the 9th International Conference on Social Media and Society, SMSociety 2018. ACM. 2018. s. 160-167 <https://doi.org/10.1145/3217804.3217908>

Gapeyenko M, Bor-Yaliniz I, Andreev S, Yanikomeroğlu H, Koucheryavy Y. **Effects of blockage in deploying mmWave drone base stations for 5g networks and beyond.** julkaisussa 2018 IEEE International Conference on Communications Workshops. IEEE. 2018. s. 1-6 <https://doi.org/10.1109/ICCW.2018.8403671>

Korpi D, Turunen M, Anttila L, Valkama M. **Modeling and cancellation of self-interference in full-duplex radio transceivers: Volterra series-based approach.** julkaisussa 2018 IEEE International Conference on Communications Workshops. IEEE. 2018. s. 1-6 <https://doi.org/10.1109/ICCW.2018.8403638>

Li X, You C, Andreev S, Gong Y, Huang K. **Optimizing wirelessly powered crowd sensing: Trading energy for data.** julkaisussa 2018 IEEE International Conference on Communications Workshops. IEEE. 2018. s. 1-6 <https://doi.org/10.1109/ICCW.2018.8403562>

Silverajan B, Ocaik M, Nagel B. **Cybersecurity Attacks and Defences for Unmanned Smart Ships.** julkaisussa Proceedings - IEEE 2018 International Congress on Cybermatics: 2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings/GreenCom/CPSCoM/SmartData/Blockchain/CIT 2018. IEEE. 2018. s. 15-20 https://doi.org/10.1109/Cybermatics_2018.2018.00037

Kolehmainen A. **Secure Firmware Updates for IoT: A Survey.** julkaisussa Proceedings - IEEE 2018 International Congress on Cybermatics: 2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings/GreenCom/CPSCoM/SmartData/Blockchain/CIT 2018. IEEE. 2018. s. 112-117 https://doi.org/10.1109/Cybermatics_2018.2018.00051

Balasubramaniam S, Wirdatmadja SA, Barros MT, Koucheryavy Y, Stachowiak M, Jornet JM. **Wireless Communications for Optogenetics-Based Brain Stimulation: Present Technology and Future Challenges**. IEEE Communications Magazine. 2018 heinä 1;56(7):218-224. 8419204. <https://doi.org/10.1109/MCOM.2018.1700917>

Henno J, Jaakkola H, Makela J. **Adjusting university education with workspace training and self-education**. julkaisussa 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2018. IEEE. 2018. s. 701-708 <https://doi.org/10.23919/MIPRO.2018.8400131>

Jaakkola H, Thalheim B, Henno J, Mäkelä J, Keto H. **Role of the user in information systems development**. julkaisussa 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2018. IEEE. 2018. s. 625-632 <https://doi.org/10.23919/MIPRO.2018.8400118>

Riihonen T, Korpi D, Turunen M, Valkama M. **Full-duplex radio technology for simultaneously detecting and preventing improvised explosive device activation**. julkaisussa 2018 International Conference on Military Communications and Information Systems, ICMCIS 2018. IEEE. 2018. s. 1-4 <https://doi.org/10.1109/ICMCIS.2018.8398707>

Chen X, He H, Ukkonen L, Virkki J, Lu Y, Lam H. **Fabrication and reliability evaluation of passive UHF RFID T-shirts**. julkaisussa 2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings. IEEE. 2018. s. 1-4 <https://doi.org/10.1109/IWAT.2018.8379146>

Kotilainen K, Mäkinen SJ, Valta J. **Sustainable electric vehicle - Prosumer framework and policy mix**. julkaisussa 2017 IEEE Innovative Smart Grid Technologies - Asia: Smart Grid for Smart Community, ISGT-Asia 2017. IEEE. 2018. s. 1-6 <https://doi.org/10.1109/ISGT-Asia.2017.8378406>

Petrov V, Kokkonen J, Moltchanov D, Lehtomäki J, Koucheryavy Y, Juntti M. **Last Meter Indoor Terahertz Wireless Access: Performance Insights and Implementation Roadmap**. IEEE Communications Magazine. 2018 kesä 1;56(6):158-165. <https://doi.org/10.1109/MCOM.2018.1600300>

Erkaya M, Özcan O, Beşevli C, Buruk OT. **Investigating the effects of legacy bias: User elicited gestures from the end users perspective**. julkaisussa DIS 2018 - Companion Publication of the 2018 Designing Interactive Systems Conference. ACM. 2018. s. 277-281 <https://doi.org/10.1145/3197391.3205449>

Ylinen M, Pekkola S. **Looking for a five-legged sheep: Identifying enterprise architects' skills and competencies**. julkaisussa Proceedings of the 19th Annual International Conference on Digital Government Research: Governance in the Data Age, DG.O 2018. ACM. 2018. a58 <https://doi.org/10.1145/3209281.3209353>

Almaeeni S, Sofotasios PC, Muhaidat S, Karagiannidis GK. **Analysis of differentially modulated cooperative communications over asymmetric fading channels**. julkaisussa Proceedings - 2018 International Conference on Advanced Communication Technologies and Networking, CommNet 2018. IEEE. 2018. s. 1-8 <https://doi.org/10.1109/COMMNET.2018.8360284>

Sofotasios PC, Yoo SK, Bhargav N, Muhaidat S, Cotton SL, Matthaiou M et al. **Capacity analysis under generalized composite fading conditions**. julkaisussa Proceedings - 2018 International Conference on Advanced Communication Technologies and Networking, CommNet 2018. IEEE. 2018. s. 1-10 <https://doi.org/10.1109/COMMNET.2018.8360282>

Mohamed S, Hamila R, Al-Dhahir N, Gouisssem A, Benbrahim L, Gabbouj M. **Maximum achievable throughput and interference mitigation for SUN in coexistence with WLAN**. julkaisussa Proceedings - 2018 International Conference on Advanced Communication Technologies and Networking, CommNet 2018. IEEE. 2018. s. 1-6 <https://doi.org/10.1109/COMMNET.2018.8360252>

Selim B, Muhaidat S, Sofotasios PC, Sharif BS, Stouraitis T, Karagiannidis GK et al. **Outage probability of multi-carrier NOMA systems under joint I/Q imbalance**. julkaisussa Proceedings - 2018 International Conference on Advanced Communication Technologies and Networking, CommNet 2018. IEEE. 2018. s. 1-7 <https://doi.org/10.1109/COMMNET.2018.8360283>

Supponen A, Repo S, Kulmala A. **Coordinated voltage control as a replacement for passive network reinforcements-A case study.** julkaisussa 2017 IEEE International Conference on Smart Grid Communications, SmartGridComm 2017. IEEE. 2018. s. 326-331 <https://doi.org/10.1109/SmartGridComm.2017.8340714>

Jeyhani V, Mahdiani S, Viik J, Oksala N, Vehkaoja A. **A novel technique for analysis of postural information with wearable devices.** julkaisussa 2018 IEEE 15th International Conference on Wearable and Implantable Body Sensor Networks, BSN 2018. IEEE. 2018. s. 30-33 <https://doi.org/10.1109/BSN.2018.8329651>

Sheikh MU, Lempiäinen J. **Macro cellular network transition from traditional frequency range to 28 GHz millimeter wave frequency band.** Wireless Networks. 2018 huhti;24(3): 943–953. <https://doi.org/10.1007/s11276-016-1390-0>

Moltchanov D, Kustarev P, Kucheryavy Y. **Analytical modeling and analysis of interleaving on correlated wireless channels** . Computer Communications. 2018 maaliskuu;118:14-26. <https://doi.org/10.1016/j.comcom.2018.01.013>

Curcio IDD, Toukoma H, Naik D. **360-Degree video streaming and its subjective quality.** julkaisussa SMPTE 2017 Annual Technical Conference and Exhibition, SMPTE 2017. SMPTE. 2018. s. 1-23 <https://doi.org/10.5594/M001758>

Mohammed WM, Ferrer BR, Martinez JL, Sanchis R, Andres B, Agostinho C. **A multi-agent approach for processing industrial enterprise data.** julkaisussa 2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings. IEEE. 2018. s. 1209-1215 <https://doi.org/10.1109/ICE.2017.8280018>

Katasonov A, Lastusilta T, Korvola T, Saari L, Bendas D, Mohammed WM et al. **An approach to production scheduling optimization a case of an oil lubrication and hydraulic systems manufacturer.** julkaisussa 2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings. IEEE. 2018. s. 1123-1130 <https://doi.org/10.1109/ICE.2017.8280007>

Mohammed WM, Ferrer BR, Jose L, Lastra M, Aleixo D, Agostinho C. **Configuring and visualizing the data resources in a cloud-based data collection framework.** julkaisussa 2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings. IEEE. 2018. s. 1201-1208 <https://doi.org/10.1109/ICE.2017.8280017>

Sariola R. **Exploiting suppliers' potential in construction innovations.** julkaisussa 2017 International Conference on Engineering, Technology and Innovation: Engineering, Technology and Innovation Management Beyond 2020: New Challenges, New Approaches, ICE/ITMC 2017 - Proceedings. IEEE. 2018. s. 678-684 <https://doi.org/10.1109/ICE.2017.8279950>

Lilja KK, Palomäki J. **The use of advanced imaging technology in welfare technology solutions - Some ethical aspects.** julkaisussa 3DTV-CON 2017 - 3D True Vision v2: Research and Applications in Future 3D Media. IEEE. 2018. s. 1-4 <https://doi.org/10.1109/3DTV.2017.8280396>

Ghaznavi-Youvalari R, Hannuksela MM, Aminlou A, Gabbouj M. **Viewport-dependent delivery schemes for stereoscopic panoramic video.** julkaisussa 3DTV-CON 2017 - 3D True Vision v2: Research and Applications in Future 3D Media. IEEE. 2018. s. 1-4 <https://doi.org/10.1109/3DTV.2017.8280404>

Sheikh MU, Lempiäinen J. **Impact of antenna radiation pattern variation on the performance of SPMA at 28 GHz.** Wireless Networks. 2018 helmikuu;24(2):361–372. <https://doi.org/10.1007/s11276-016-1338-4>

Galinina O, Pyattaev A, Johnsson K, Andreev S, Koucheryavy Y. **Analyzing Effects of Directional Deafness on mmWave Channel Access in Unlicensed Bands.** julkaisussa 2017 IEEE Globecom Workshops, GC Wkshps 2017 - Proceedings. IEEE. 2018. s. 1-7 <https://doi.org/10.1109/GLOCOMW.2017.8269183>

Solomitckii D, Petrov V, Nikopour H, Akdeniz M, Orhan O, Himayat N et al. **Detailed Interference Analysis in Dense mmWave Systems Employing Dual-Polarized Antennas**. julkaisussa 2017 IEEE Globecom Workshops. IEEE. 2018. s. 1-6 <https://doi.org/10.1109/GLOCOMW.2017.8269040>

Kovalchukov R, Samuylov A, Moltchanov D, Ometov A, Andreev S, Koucheryavy Y et al. **Modeling Three-Dimensional Interference and SIR in Highly Directional mmWave Communications**. julkaisussa 2017 IEEE Global Communications Conference, GLOBECOM 2017. IEEE. 2018. s. 1-7 <https://doi.org/10.1109/GLOCOM.2017.8254905>

Solomitckii D, Gapeyenko M, Semkin V, Andreev S, Koucheryavy Y. **Technologies for Efficient Amateur Drone Detection in 5G Millimeter-Wave Cellular Infrastructure**. IEEE Communications Magazine. 2018 tammi 1;56(1):43-50. <https://doi.org/10.1109/MCOM.2017.1700450>

Petrov V, Lema MA, Gapeyenko M, Antonakoglou K, Moltchanov D, Sardis F et al. **Achieving End-to-End Reliability of Mission-Critical Traffic in Softwarized 5G Networks**. IEEE Journal on Selected Areas in Communications. 2018;36(3). <https://doi.org/10.1109/JSAC.2018.2815419>

Masek P, Hudec D, Krejci J, Ometov A, Hosek J, Andreev S et al. **Advanced wireless m-bus platform for intensive field testing in industry 4.0-based systems**. julkaisussa 24th European Wireless Conference. VDE Verlag. 2018. s. 150-155

Masek P, Mokrov E, Zeman K, Ponomarenko-Timofeev A, Pyattaev A, Nesterov S et al. **A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA**. Wireless Communications and Mobile Computing. 2018;2018. 2103868. <https://doi.org/10.1155/2018/2103868>

Mitchell R, Olsson T. **Beating the city: Three inspirational design patterns to promote social play through aligning rhythms**. julkaisussa Intelligent Technologies for Interactive Entertainment - 9th International Conference, INTETAIN 2017, Proceedings. Springer Verlag. 2018. s. 159-163. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST). https://doi.org/10.1007/978-3-319-73062-2_15

Pokorny J, Ometov A, Pascual P, Baquero C, Masek P, Pyattaev A et al. **Concept design and performance evaluation of UAV-based backhaul link with antenna steering**. Journal of Communications and Networks. 2018;20(5):473-483. 8533583. <https://doi.org/10.1109/JCN.2018.000072>

Sadreddini Z, Masek P, Cavdar T, Ometov A, Hosek J, Gudkova I et al. **Dynamic Resource Sharing in 5G with LSA: Criteria-Based Management Framework**. Wireless Communications and Mobile Computing. 2018;2018. 7302025. <https://doi.org/10.1155/2018/7302025>

Farris I, Orsino A, Militano L, Iera A, Araniti G. **Federated IoT services leveraging 5G technologies at the edge**. Ad Hoc Networks. 2018;68:58-69. <https://doi.org/10.1016/j.adhoc.2017.09.002>

Kannisto P, Hästbacka D, Marttinen A. **Information Exchange Architecture for Collaborative Industrial Ecosystem**. Information Systems Frontiers. 2018;1-16. <https://doi.org/10.1007/s10796-018-9877-0>

Kozyrev D, Ometov A, Moltchanov D, Rykov V, Efrosinin D, Milovanova T et al. **Mobility-Centric Analysis of Communication Offloading for Heterogeneous Internet of Things Devices**. Wireless Communications and Mobile Computing. 2018;2018. 3761075. <https://doi.org/10.1155/2018/3761075>

Begishev V, Petrov V, Samuylov A, Moltchanov D, Andreev S, Koucheryavy Y et al. **Resource allocation and sharing for heterogeneous data collection over conventional 3GPP LTE and emerging NB-IoT technologies**. Computer Communications. 2018;120:93-101. <https://doi.org/10.1016/j.comcom.2018.01.009>

Chaudhari S, Kosunen M, Mäkinen S, Chandrasekaran R, Oksanen J, Laatta M et al. **Spatial Interpolation of Cyclostationary Test Statistics in Cognitive Radio Networks: Methods and Field Measurements**. IEEE Transactions on Vehicular Technology. 2018;67(2):1113-1129. <https://doi.org/10.1109/TVT.2017.2717379>

Ometov A, Daneshfar N, Hazmi A, Andreev S, Del Carpio LF, Amin P et al. **System-level analysis of IEEE 802.11ah technology for unsaturated MTC traffic.** International Journal of Sensor Networks. 2018;26(4):269-282. <https://doi.org/10.1504/IJSNET.2018.090480>

Zhang H, Kiranyaz S, Gabbouj M. **Outlier edge detection using random graph generation models and applications.** Journal of Big Data. 2017 joulu 1;4(1). 11. <https://doi.org/10.1186/s40537-017-0073-8>

Bezzateev S, Afanasyeva A, Voloshina N, Ometov A. **Multi-factor authentication for wearables: Configuring system parameters with risk function.** julkaisussa Proceedings of the 2nd International Conference on Advanced Wireless Information, Data, and Communication Technologies, AWICT 2017. ACM. 2017 <https://doi.org/10.1145/3231830.3231834>

Dong G, Shen Y, He H, Virkki J, Hu S. **Chipless graphene tag and dual-CP reader for Internet of Things.** julkaisussa 2017 International Applied Computational Electromagnetics Society Symposium in China, ACES-China 2017. IEEE. 2017

Rusu C, Astola J. **Convergence analysis of error-reduction algorithm for solving of the extended one-dimensional discrete phase retrieval problem.** julkaisussa ISSCS 2017 - International Symposium on Signals, Circuits and Systems. IEEE. 2017 <https://doi.org/10.1109/ISSCS.2017.8034945>

Astola P, Tabus I. **Lossless compression of high resolution disparity map images.** julkaisussa ISSCS 2017 - International Symposium on Signals, Circuits and Systems. IEEE. 2017 <https://doi.org/10.1109/ISSCS.2017.8034934>

Belyaev E, Moreschini S, Vinel A. **Uncoordinated multi-user video streaming in VANETs using Skype.** julkaisussa 2017 IEEE 22nd International Workshop on Computer Aided Modeling and Design of Communication Links and Networks, CAMAD 2017. IEEE. 2017 <https://doi.org/10.1109/CAMAD.2017.8031626>

Gallidabino A, Pautasso C, Mikkonen T, Systä K, Voutilainen J-P, Taivalsaari A. **Architecting liquid software.** Journal of Web Engineering. 2017 syys 1;16(5-6):433-470. <https://doi.org/10.26421/JWE16.5-6>

Petit L, Nguyen H, Hongisto M, Salminen T, Hakkarainen T, Lopez-Iscoa P et al. **Novel Er³⁺ doped phosphate glass-ceramics for photonics.** julkaisussa ICTON 2017 - 19th International Conference on Transparent Optical Networks. IEEE COMPUTER SOCIETY PRESS. 2017 <https://doi.org/10.1109/ICTON.2017.8024877>

Still K, Seppänen M, Korhonen H, Valkokari K, Suominen A, Kumpulainen M. **Business Model Innovation of Startups Developing Multisided Digital Platforms.** julkaisussa Proceedings - 2017 IEEE 19th Conference on Business Informatics, CBI 2017. IEEE. 2017. s. 70-75 <https://doi.org/10.1109/CBI.2017.86>

Li L, Sapio AE, Wu J, Liu Y, Lee K, Wolf M et al. **Design and implementation of adaptive signal processing systems using Markov decision processes.** julkaisussa 2017 IEEE 28th International Conference on Application-Specific Systems, Architectures and Processors, ASAP 2017. IEEE. 2017. s. 170-175 <https://doi.org/10.1109/ASAP.2017.7995275>

Marshoud H, Sofotasios PC, Muhaidat S, Karagiannidis GK, Sharif BS. **Error performance of NOMA VLC systems.** julkaisussa 2017 IEEE International Conference on Communications, ICC 2017. IEEE. 2017 <https://doi.org/10.1109/ICC.2017.7996769>

Farris I, Orsino A, Militano L, Nitti M, Araniti G, Atzori L et al. **Federations of connected things for delay-sensitive IoT services in 5G environments.** julkaisussa 2017 IEEE International Conference on Communications, ICC 2017. IEEE. 2017 <https://doi.org/10.1109/ICC.2017.7996644>

Sheikh MU, Lempiäinen J. **Analysis of multipath propagation for 5G system at higher frequencies in microcellular environment.** julkaisussa 2017 13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017. IEEE. 2017. s. 1660-1664 <https://doi.org/10.1109/IWCMC.2017.7986533>

Sheikh MU, Hiltunen K, Lempiäinen J. **Angular wall loss model and Extended Building Penetration model for outdoor to indoor propagation.** julkaisussa 2017 13th International Wireless Communications and Mobile Computing Conference, IWCMC 2017. IEEE. 2017. s. 1291-1296 <https://doi.org/10.1109/IWCMC.2017.7986471>

Desogus C, Fadda M, Murrioni M, Araniti G, Orsino A. **Mobility aware eMBMS management in urban 5G-oriented systems** . julkaisussa 2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2017. IEEE. 2017 <https://doi.org/10.1109/BMSB.2017.7986140>

Araniti G, Orsino A, Militano L, Putrino G, Andreev S, Koucheryavy Y et al. **Novel D2D-based relaying method for multicast services over 3GPP LTE-A systems.** julkaisussa 2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2017. IEEE. 2017 <https://doi.org/10.1109/BMSB.2017.7986137>

Orsino A, Araniti G, Scopelliti P, Gudkova IA, Samouylov KE, Iera A. **Optimal subgroup configuration for multicast services over 5G-satellite systems.** julkaisussa 2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, BMSB 2017. IEEE. 2017 <https://doi.org/10.1109/BMSB.2017.7986134>

Henno J, Jaakkola H, Mäkelä J. **Developing curiosity and multimedia skills with programming experiments.** julkaisussa 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 694-699 <https://doi.org/10.23919/MIPRO.2017.7973512>

Linna P, Mäkinen T, Yrjönkoski K. **Open data based value networks: Finnish examples of public events and agriculture.** julkaisussa 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 1448-1453 <https://doi.org/10.23919/MIPRO.2017.7973649>

Jaakkola H, Henno J, Thalheim B, Mäkelä J. **The educators' telescope to the future of technology.** julkaisussa 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 660-665 <https://doi.org/10.23919/MIPRO.2017.7973506>

Jaakkola H, Henno J, Mäkelä J, Thalheim B. **Today is the future of yesterday; What is the future of today?** julkaisussa 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 635-643 <https://doi.org/10.23919/MIPRO.2017.7973502>

Militano L, Orsino A, Araniti G, Iera A. **NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems.** Future Internet. 2017 heinä 8;9(3). 31. <https://doi.org/10.3390/fi9030031>

Korpi D, Riihonen T, Valkama M. **Feasibility of self-backhauling in full-duplex radio access systems under QoS constraints** . julkaisussa 2017 IEEE International Conference on Communications Workshops, ICC Workshops 2017. IEEE. 2017. s. 749-754 <https://doi.org/10.1109/ICCW.2017.7962748>

Mitchell R, Olsson T. **Barriers for bridging interpersonal gaps: Three inspirational design patterns for increasing collocated social interaction.** julkaisussa C&T 2017 - 8th International Conference on Communities and Technologies, Conference Proceedings. ACM. 2017. s. 2-10 <https://doi.org/10.1145/3083671.3083697>

Riihonen T, Korpi D, Rantula O, Valkama M. **On the prospects of full-duplex military radios.** julkaisussa 2017 International Conference on Military Communications and Information Systems, ICMCIS 2017. IEEE. 2017 <https://doi.org/10.1109/ICMCIS.2017.7956490>

Taibi D, Lenarduzzi V, Ahmad MO, Liukkunen K. **Comparing communication effort within the scrum, scrum with Kanban, XP, and Banana development processes.** julkaisussa Proceedings of the 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017. Vuosikerta Part F128635. Association for Computing Machinery. 2017. s. 258-263 <https://doi.org/10.1145/3084226.3084270>

Taibi D, Lenarduzzi V, Diebold P, Lunesu I. **Operationalizing the experience factory for effort estimation in agile processes**. julkaisussa Proceedings of the 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017. Vuosikerta Part F128635. Association for Computing Machinery. 2017. s. 31-40 <https://doi.org/10.1145/3084226.3084240>

Semkin V, Solomitskii D, Naderpour R, Andreev S, Koucheryavy Y, Räisänen AV. **Characterization of Radio Links at 60 GHz Using Simple Geometrical and Highly Accurate 3-D Models**. IEEE Transactions on Vehicular Technology. 2017 kesä 1;66(6):4647-4656. <https://doi.org/10.1109/TVT.2016.2617919>

Ometov A, Solomitskii D, Olsson T, Bezzateev S, Shchesniak A, Andreev S et al. **Secure and connected wearable intelligence for content delivery at a mass event: A case study**. Journal of Sensor and Actuator Networks. 2017 kesä 1;6(2). 5. <https://doi.org/10.3390/jsan6020005>

Hamari J, Keronen L. **Why do people play games? A meta-analysis**. International Journal of Information Management. 2017 kesä 1;37(3):125-141. <https://doi.org/10.1016/j.ijinfomgt.2017.01.006>

Taibi D, Lenarduzzi V, Pahl C, Janes A. **Microservices in agile software development: A workshop-based study into issues, advantages, and disadvantages**. julkaisussa Proceedings of the XP2017 Scientific Workshops, XP 2017. Vuosikerta Part F129907. Association for Computing Machinery. 2017. a23 <https://doi.org/10.1145/3120459.3120483>

Taivalsaari A, Mikkonen T, Pautasso C, Systä K. **Comparing the Built-In Application Architecture Models in the Web Browser**. julkaisussa 2017 IEEE International Conference on Software Architecture (ICSA). IEEE. 2017. s. 51-54. 7930198 <https://doi.org/10.1109/ICSA.2017.23>

Bahrudeen MNM, Startceva S, Ribeiro AS. **Effects of extrinsic noise are promoter kinetics dependent**. julkaisussa Proceedings of the 2017 9th International Conference on Bioinformatics and Biomedical Technology, ICBBT 2017. ACM. 2017. s. 44-47 <https://doi.org/10.1145/3093293.3093295>

Rantanen P, Sillberg P, Soini J. **Towards the Utilization of Crowdsourcing in Traffic Condition Reporting**. julkaisussa 2017 40h International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings. IEEE. 2017. s. 985-990 <https://doi.org/10.23919/MIPRO.2017.7973567>

Kara PA, Kovacs PT, Vagharshakyan S, Martini MG, Barsi A, Balogh T et al. **The Effect of Light Field Reconstruction and Angular Resolution Reduction on the Quality of Experience**. julkaisussa 2016 12th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS). IEEE. 2017. s. 781-786 <https://doi.org/10.1109/SITIS.2016.128>

Sapio AE, Wolf M, Bhattacharyya SS. **Compact modeling and management of reconfiguration in digital channelizer implementation**. julkaisussa 2016 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2016 - Proceedings. IEEE. 2017. s. 595-599 <https://doi.org/10.1109/GlobalSIP.2016.7905911>

Leinonen J, Ihantola P, Hellas A. **Preventing keystroke based identification in open data sets**. julkaisussa L@S 2017 - Proceedings of the 4th (2017) ACM Conference on Learning at Scale. ACM. 2017. s. 101-109 <https://doi.org/10.1145/3051457.3051458>

Ruohonen J, Scepanovic S, Hyrynsalmi S, Mishkovski I, Aura T, Leppänen V. **A post-mortem empirical investigation of the popularity and distribution of malware files in the contemporary web-facing internet**. julkaisussa Brynielsson J, Johansson F, toimittajat, Proceedings - 2016 European Intelligence and Security Informatics Conference, EISIC 2016 : : 7th European Intelligence and Security Informatics Conference, Uppsala; Sweden; 17 - 19 August 2016.. IEEE. 2017. s. 144-147 <https://doi.org/10.1109/EISIC.2016.037>

Korpi D, Aghababaeetafreshi M, Piilila M, Anttila L, Valkama M. **Advanced architectures for self-interference cancellation in full-duplex radios: Algorithms and measurements**. julkaisussa 2016 50th Asilomar Conference on Signals, Systems and Computers. IEEE. 2017. s. 1553-1557 <https://doi.org/10.1109/ACSSC.2016.7869639>

Marshoud H, Sofotasios PC, Muhaidat S, Karagiannidis GK. **Multi-user techniques in visible light communications: A survey**. julkaisussa 2016 International Conference on Advanced Communication Systems and Information Security, ACOSIS 2016 - Proceedings. IEEE. 2017 <https://doi.org/10.1109/ACOSIS.2016.7843945>

Masek P, Mokrov E, Pyattaev A, Zeman K, Ponomarenko-Timofeev A, Samuylov A et al. **Experimental evaluation of dynamic licensed shared access operation in live 3GPP LTE system**. julkaisussa 2016 IEEE Global Communications Conference (GLOBECOM). IEEE. 2017 <https://doi.org/10.1109/GLOCOM.2016.7841826>

Orsino A, Ometov A, Fodor G, Moltchanov D, Militano L, Andreev S et al. **Effects of Heterogeneous Mobility on D2D-and Drone-Assisted Mission-Critical MTC in 5G**. IEEE Communications Magazine. 2017 helmi 1;55(2):79-87. <https://doi.org/10.1109/MCOM.2017.1600443CM>

Youvalari RG, Aminlou A, Hannuksela MM, Gabbouj M. **Efficient coding of 360-degree pseudo-cylindrical panoramic video for virtual reality applications**. julkaisussa 2016 IEEE International Symposium on Multimedia (ISM). IEEE. 2017. s. 525-528 <https://doi.org/10.1109/ISM.2016.74>

Kammachi-Sreedhar K, Aminlou A, Hannuksela MM, Gabbouj M. **Standard-compliant multiview video coding and streaming for virtual reality applications**. julkaisussa 2016 IEEE International Symposium on Multimedia (ISM). IEEE. 2017. s. 295-300 <https://doi.org/10.1109/ISM.2016.0065>

Kammachi-Sreedhar K, Aminlou A, Hannuksela MM, Gabbouj M. **Viewport-adaptive encoding and streaming of 360-degree video for virtual reality applications**. julkaisussa 2016 IEEE International Symposium on Multimedia (ISM). IEEE. 2017. s. 583-586 <https://doi.org/10.1109/ISM.2016.0126>

Sheikh MU, Lempiäinen J. **Analysis of multipoint transmission at higher frequencies using 3-D ray tracing**. International Journal of Communication Systems. 2017;30(13). <https://doi.org/10.1002/dac.3274>

Galina O, Militano L, Orsino A, Andreev S, Araniti G, Iera A et al. **Comparing customer taste distributions in vertically differentiated mobile service markets**. julkaisussa Game Theory for Networks - 7th International EAI Conference, GameNets 2017, Proceedings. Springer Verlag. 2017. s. 141-153. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-319-67540-4_13

Petrov V, Solomitckii D, Samuylov A, Lema MA, Gapeyenko M, Moltchanov D et al. **Dynamic Multi-Connectivity Performance in Ultra-Dense Urban mmWave Deployments**. IEEE Journal on Selected Areas in Communications. 2017;35(9):2038-2055. <https://doi.org/10.1109/JSAC.2017.2720482>

Orsino A, Farris I, Militano L, Araniti G, Andreev S, Gudkova IA et al. **Exploiting D2D communications at the network edge for mission-critical IoT applications**. julkaisussa European Wireless 2017 - 23rd European Wireless Conference. VDE. 2017

Kiili K. **From theories to game mechanics: Developing a game for training rational numbers**. julkaisussa Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017. Academic Conferences and Publishing International Limited. 2017. s. 328-334

Galina O, Andreev S, Komarov M, Maltseva S. **Leveraging heterogeneous device connectivity in a converged 5G-IoT ecosystem**. Computer Networks. 2017;128:123-132. <https://doi.org/10.1016/j.comnet.2017.04.051>

Kara PA, Kovacs PT, Vagharshakyan S, Martini MG, Imre S, Barsi A et al. **Perceptual quality of reconstructed medical images on projection-based light field displays**. julkaisussa eHealth 360° - International Summit on eHealth, Revised Selected Papers. Springer Verlag. 2017. s. 476-483. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-319-49655-9_58

Ometov A, Kozyrev D, Rykov V, Andreev S, Gaidamaka Y, Koucheryavy Y. **Reliability-centric analysis of offloaded computation in cooperative wearable applications**. Wireless Communications and Mobile Computing. 2017;2017. 9625687. <https://doi.org/10.1155/2017/9625687>

Zhang B, Veijalainen J, Kotkov D. **Samsung and Volkswagen crisis communication in Facebook and Twitter: A comparative study.** julkaisussa WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies. SCITEPRESS. 2017. s. 312-323 <https://doi.org/10.5220/0006301403120323>

Taivalsaari A, Mikkonen T. **The Web as a software platform: Ten years later.** julkaisussa WEBIST 2017 - Proceedings of the 13th International Conference on Web Information Systems and Technologies. SCITEPRESS. 2017. s. 41-50 <https://doi.org/10.5220/0006234800410050>

Zeman K, Masek P, Krejci J, Ometov A, Hosek J, Andreev S et al. **Wireless M-bus in industrial IoT: Technology overview and prototype implementation.** julkaisussa European Wireless 2017 - 23rd European Wireless Conference. VDE. 2017

Ruokonen A, Wu Z, Lu R. **Describing mobile devices as RESTful services for the end-users.** julkaisussa 2016 IEEE International Conference on Mobile Services (MS). IEEE. 2016. s. 127-134 <https://doi.org/10.1109/MobServ.2016.27>

Urama J, Olshannikova E, Ometov A, Masek P, Andreev S, Olsson T et al. **Dynamic social trust associations over d2d communications: An implementation perspective.** julkaisussa 2016 IEEE International Conference on Mobile Services (MS). IEEE. 2016. s. 186-189 <https://doi.org/10.1109/MobServ.2016.41>

Abdelaziz M, Anttila L, Renfors M, Valkama M. **PAPR reduction and digital predistortion for non-contiguous waveforms with well-localized spectrum.** julkaisussa ISWCS 2016 - 13th International Symposium on Wireless Communication Systems, Proceedings. IEEE. 2016. s. 581-585 <https://doi.org/10.1109/ISWCS.2016.7600971>

Aldawood S, Fowley F, Pahl C, Taibi D, Liu X. **A coordination-based brokerage architecture for multi-cloud resource markets.** julkaisussa Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016. Institute of Electrical and Electronics Engineers Inc. 2016. s. 7-14 <https://doi.org/10.1109/W-FiCloud.2016.19>

Curado M, Ganchev I, Kassler A, Koucheryavy Y. **Guest editorial: Special issue on mobile wireless networks.** Computer Networks. 2016 loka 9;107:145-147. <https://doi.org/10.1016/j.comnet.2016.07.003>

Jokela T, Rezaei PP, Väänänen K. **Using elicitation studies to generate collocated interaction methods.** julkaisussa Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct, MobileHCI 2016. ACM. 2016. s. 1129-1133 <https://doi.org/10.1145/2957265.2962654>

Korpi D, Tamminen J, Turunen M, Huusari T, Choi YS, Anttila L et al. **Full-duplex mobile device: Pushing the limits.** IEEE Communications Magazine. 2016 syys 1;54(9):80-87. <https://doi.org/10.1109/MCOM.2016.7565192>

Levanen T, Renfors M, Ihalainen T, Lähetkangas E, Syrjälä V, Valkama M. **On the performance of time constrained OQAM-OFDM waveforms with preamble based channel estimation.** julkaisussa 2016 IEEE Wireless Communications and Networking Conference Workshops, WCNCW 2016. IEEE. 2016. s. 282-288 <https://doi.org/10.1109/WCNCW.2016.7552713>

Zare A, Kovacs PT, Aminlou A, Hannuksela MM, Gotchev A. **Decoding complexity reduction in projection-based light-field 3D displays using self-contained HEVC tiles.** julkaisussa 2016 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2016. IEEE COMPUTER SOCIETY PRESS. 2016 <https://doi.org/10.1109/3DTV.2016.7548965>

Helin P, Astola P, Rao B, Tabus I. **Sparse modelling and predictive coding of subaperture images for lossless plenoptic image compression.** julkaisussa 2016 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2016. IEEE COMPUTER SOCIETY PRESS. 2016 <https://doi.org/10.1109/3DTV.2016.7548953>

Acha E, Rubbrecht T, Castro LM. **Power flow solutions of AC/DC micro-grid structures.** julkaisussa 19th Power Systems Computation Conference, PSCC 2016. IEEE. 2016 <https://doi.org/10.1109/PSCC.2016.7540815>

Naumenko A, Krivenko S, Lukin V, Egiazarian K. **Texture region detection by trained neural network**. julkaisussa 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016. IEEE. 2016 <https://doi.org/10.1109/MSMW.2016.7538174>

Andreev S, Galinina O, Pyattaev A, Hosek J, Masek P, Yanikomeroglu H et al. **Exploring synergy between communications, caching, and computing in 5G-grade deployments**. IEEE Communications Magazine. 2016 elo 1;54(8):60-69. <https://doi.org/10.1109/MCOM.2016.7537178>

Akyildiz IF, Wang P, Lin SC. **SoftWater: Software-defined networking for next-generation underwater communication systems**. Ad Hoc Networks. 2016 elo;46. <https://doi.org/10.1016/j.adhoc.2016.02.016>

Soini J, Sillberg P, Rantanen P, Nummela J. **Portable sensor system for reliable condition measurement**. julkaisussa 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings. 2016. s. 1190-1195 <https://doi.org/10.1109/MIPRO.2016.7522320>

Linna P, Mäkinen T, Keto H. **Utilizing MOOCs in the development of education and training programs**. julkaisussa 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2016 - Proceedings. 2016. s. 861-864 <https://doi.org/10.1109/MIPRO.2016.7522260>

Gapeyenko M, Samuylov A, Gerasimenko M, Moltchanov D, Singh S, Aryafar E et al. **Analysis of human-body blockage in urban millimeter-wave cellular communications**. julkaisussa 2016 IEEE International Conference on Communications, ICC 2016. IEEE. 2016 <https://doi.org/10.1109/ICC.2016.7511572>

Petrov V, Moltchanov D, Koucheryavy Y. **Applicability assessment of terahertz information showers for next-generation wireless networks**. julkaisussa 2016 IEEE International Conference on Communications, ICC 2016. IEEE. 2016 <https://doi.org/10.1109/ICC.2016.7511129>

Galina O, Turlikov A, Tirronen T, Torsner J, Andreev S, Koucheryavy Y. **Random-access latency optimization and stability of highly-populated LTE-based M2M deployments**. julkaisussa 2016 IEEE International Conference on Communications, ICC 2016. IEEE. 2016 <https://doi.org/10.1109/ICC.2016.7511236>

Gokceoglu A, Bjornson E, Larsson EG, Valkama M. **Waveform design for massive MISO downlink with energy-efficient receivers adopting 1-bit ADCs**. julkaisussa 2016 IEEE International Conference on Communications, ICC 2016. IEEE. 2016 <https://doi.org/10.1109/ICC.2016.7510947>

Ometov A, Masek P, Urama J, Hosek J, Andreev S, Koucheryavy Y. **Implementing secure network-assisted D2D framework in live 3GPP LTE deployment**. julkaisussa 2016 IEEE International Conference on Communications Workshops (ICC). IEEE. 2016. s. 749-754 <https://doi.org/10.1109/ICCW.2016.7503877>

Sheikh MU, Lempiäinen J. **Analysis of vertical and horizontal sectorization in suburban environment using 3D ray tracing**. julkaisussa 2016 23rd International Conference on Telecommunications (ICT) . IEEE. 2016 <https://doi.org/10.1109/ICT.2016.7500458>

Almaeeni S, Sofotasios PC, Muhaidat S, Valkama M. **Error analysis of differentially modulated cooperative systems under generalized fading**. julkaisussa 2016 23rd International Conference on Telecommunications (ICT) . IEEE. 2016 <https://doi.org/10.1109/ICT.2016.7500401>

Kokkonen J, Lehtomäki J, Petrov V, Moltchanov D, Juntti M. **Frequency domain penetration loss in the terahertz band**. julkaisussa 2016 Global Symposium on Millimeter Waves (GSMM) & ESA Workshop on Millimetre-Wave Technology and Applications . IEEE. 2016 <https://doi.org/10.1109/GSMM.2016.7500309>

Sheikh MU, Lempiäinen J. **Migration to 28 GHz frequency with higher order sectorization in urban macro cellular environment**. julkaisussa 2016 23rd International Conference on Telecommunications (ICT) . IEEE. 2016 <https://doi.org/10.1109/ICT.2016.7500460>

Boulogeorgos AAA, Sofotasios PC, Selim B, Muhaidat S, Karagiannidis GK, Valkama M. **Outage probability under I/Q imbalance and cascaded fading effects.** julkaisussa 2016 23rd International Conference on Telecommunications (ICT) . IEEE. 2016 <https://doi.org/10.1109/ICT.2016.7500398>

Fikadu MK, Sofotasios PC, Muhaidat S, Cui Q, Valkama M. **SER of M-QAM decode-and-forward multi-relay systems under generalized fading conditions.** julkaisussa 2016 23rd International Conference on Telecommunications (ICT) . IEEE. 2016 <https://doi.org/10.1109/ICT.2016.7500397>

Ahti V, Hyrynsalmi S, Nevalainen O. **An evaluation framework for cross-platform mobile app development tools: A case analysis of adobe PhoneGap framework.** julkaisussa Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings. Vuosikerta 1164. Association for Computing Machinery. 2016. s. 41-48 <https://doi.org/10.1145/2983468.2983484>

Hosseinzadeh S, Rauti S, Laurén S, Mäkelä JM, Holvitie J, Hyrynsalmi S et al. **A survey on aims and environments of diversification and obfuscation in software security.** julkaisussa Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings. Vuosikerta 1164. Association for Computing Machinery. 2016. s. 113-120 <https://doi.org/10.1145/2983468.2983479>

Mäkelä V, Korhonen H, Ojala J, Järvi A, Väänänen K, Raisamo R et al. **Investigating mid-air gestures and handhelds in motion tracked environments.** julkaisussa PerDis 2016 - Proceedings of the 5th ACM International Symposium on Pervasive Displays. ACM. 2016. s. 45-51 <https://doi.org/10.1145/2914920.2915015>

Ruohonen J, Hyrynsalmi S, Leppänen V. **Exploring the use of deprecated PHP releases in the wild internet: Still a LAMP issue?** julkaisussa 6th International Conference on Web Intelligence, Mining and Semantics, WIMS 2016. Association for Computing Machinery. 2016. 26 <https://doi.org/10.1145/2912845.2912851>

Anufrieva O, Sala A, Yli-Harja O, Kandhavelu M. **Real-time observation of bacterial gene expression noise.** Nano Communication Networks. 2016 kesä;8:68-75. <https://doi.org/10.1016/j.nancom.2016.03.001>

Ometov A, Masek P, Malina L, Florea R, Hosek J, Andreev S et al. **Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices.** julkaisussa IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016. IEEE. 2016 <https://doi.org/10.1109/PERCOMW.2016.7457161>

Rubel O, Lukin V, Egiazarian K. **On prediction of DCT-based denoising efficiency under spatially correlated noise conditions.** julkaisussa 2016 13th International Conference on Modern Problems of Radio Engineering, Telecommunications and Computer Science (TCSET) . IEEE. 2016. s. 750-754 <https://doi.org/10.1109/TCSET.2016.7452171>

Helenius M, Kettunen P, Frank L. **Learnings from the Finnish game industry.** julkaisussa Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016. ACM. 2016. a12 <https://doi.org/10.1145/3022636.3022648>

Rauhamaäki J. **Patterns for safety system bus architecture.** julkaisussa Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016. ACM. 2016. a4 <https://doi.org/10.1145/3022636.3022640>

Leppänen M, Hokkanen L. **Patterns for subsidiaries as innovation tools.** julkaisussa Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016. ACM. 2016. a7 <https://doi.org/10.1145/3022636.3022643>

Galina O, Pyattaev A, Johnsson K, Turlikov A, Andreev S, Koucheryav Y. **Assessing System-Level Energy Efficiency of mmWave-Based Wearable Networks.** IEEE Journal on Selected Areas in Communications. 2016 huhti 1;34(4):923-937. <https://doi.org/10.1109/JSAC.2016.2544539>

Andreev S, Hosek J, Olsson T, Johnsson K, Pyattaev A, Ometov A et al. **A unifying perspective on proximity-based cellular-assisted mobile social networking**. IEEE Communications Magazine. 2016 huhti 1;54(4):108-116. <https://doi.org/10.1109/MCOM.2016.7452274>

Park Y, Alam MH, Ryu WJ, Lee S. **BL-LDA: Bringing bigram to supervised topic model**. julkaisussa Proceedings - 2015 International Conference on Computational Science and Computational Intelligence, CSCI 2015. Institute of Electrical and Electronics Engineers Inc. 2016. s. 83-88. 7424068 <https://doi.org/10.1109/CSCI.2015.146>

Abdelaziz M, Fu Z, Anttila L, Wyglinski AM, Valkama M. **Digital predistortion for mitigating spurious emissions in spectrally agile radios**. IEEE Communications Magazine. 2016 maaliskuu 1;54(3):60-69. <https://doi.org/10.1109/MCOM.2016.7432149>

Ponomarenko-Timofeev A, Pyattaev A, Andreev S, Koucheryavy Y, Mueck M, Karls I. **Highly dynamic spectrum management within licensed shared access regulatory framework**. IEEE Communications Magazine. 2016 maaliskuu 1;54(3):100-109. <https://doi.org/10.1109/MCOM.2016.7432155>

Jarusriboonchai P, Malapaschas A, Olsson T, Väänänen K. **Increasing collocated people's awareness of the mobile user's activities: A field trial of social displays**. julkaisussa CSCW '16 - Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing . ACM. 2016. s. 1691-1702 <https://doi.org/10.1145/2818048.2819990>

Jarusriboonchai P, Malapaschas A, Olsson T, Väänänen K. **Social display...We can see what you are doing on your mobile device**. julkaisussa CSCW '16 Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing. ACM. 2016. s. 53-56 <https://doi.org/10.1145/2818052.2874323>

Allen M, Marttila J, Valkama M, Singh S, Epp M, Schlecker W. **Digital full-band linearization of wideband direct-conversion receiver for radar and communications applications**. julkaisussa 2015 49th Asilomar Conference on Signals, Systems and Computers . IEEE COMPUTER SOCIETY PRESS. 2016. s. 1361-1368 <https://doi.org/10.1109/ACSSC.2015.7421365>

Balandina E, Balandin S, Koucheryavy Y, Mouromtsev D. **Innovative e-Tourism Services on Top of Geo2Tag LBS Platform**. julkaisussa Proceedings - 11th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2015. IEEE. 2016. s. 752-759 <https://doi.org/10.1109/SITIS.2015.11>

Balasubramaniam S, Jornet JM, Pierobon M, Koucheryavy Y. **Guest editorial special issue on the internet of nano things**. IEEE Internet of Things Journal. 2016 helmikuu 1;3(1):1-3. <https://doi.org/10.1109/JIOT.2016.2516838>

Hosseinzadeh S, Hyrynsalmi S, Conti M, Leppänen V. **Security and privacy in cloud computing via obfuscation and diversification: A survey**. julkaisussa Proceedings - IEEE 7th International Conference on Cloud Computing Technology and Science, CloudCom 2015. Institute of Electrical and Electronics Engineers Inc. 2016. s. 529-535 <https://doi.org/10.1109/CloudCom.2015.29>

Cruz C, Ferreira J, Oliveira A. **Supporting deterministic medium access control in wireless vehicular communications**. julkaisussa 2015 IEEE 82nd Vehicular Technology Conference, VTC Fall 2015 - Proceedings. IEEE. 2016 <https://doi.org/10.1109/VTCFall.2015.7391160>

Davidson P, Raunio JP, Piché R. **Accurate depth estimation from a sequence of monocular images supported by proprioceptive sensors**. julkaisussa 23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation. 2016. s. 249-257

Gholibeigi M, Heijnen G, Moltchanov D, Koucheryavy Y. **Analysis of a receiver-based reliable broadcast approach for vehicular networks**. Ad Hoc Networks. 2016;37:63-75. <https://doi.org/10.1016/j.adhoc.2015.08.003>

Ometov A, Orsino A, Militano L, Araniti G, Moltchanov D, Andreev S. **A novel security-centric framework for D2D connectivity based on spatial and social proximity**. Computer Networks. 2016;107(2). <https://doi.org/10.1016/j.comnet.2016.03.013>

Koski A, Mikkonen T. **Can we get some service here? On the company transformation from a software vendor to a SaaS provider.** julkaisussa WEBIST 2016 - Proceedings of the 12th International Conference on Web Information Systems and Technologies. SCITEPRESS. 2016. s. 279-284

Davidson P, Merkulova I. **Computer vision aided navigation systems.** julkaisussa 23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation. 2016. s. 560-562

Qutab-ud-Din M, Hazmi A, Del Carpio LF, Gökceoglu A, Badihi B, Amin P et al. **Duty cycle challenges of IEEE 802.11ah networks in M2M and IoT applications.** julkaisussa European Wireless Conference 2016, EW 2016. VDE. 2016. s. 500-506

Niemelä P, Di Flora C, Helevirta M, Isomöttönen V. **Educating future coders with a holistic ICT curriculum and new learning solutions.** julkaisussa 7th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016 and 7th International Conference on Society and Information Technologies, ICSIT 2016. Vuosikerta 2. IIS. 2016. s. 132-136

Raeesi O, Gokceoglu A, Zou Y, Cui Q, Valkama M. **Estimation of BS transceiver non-reciprocity in multi-user massive MIMO systems.** julkaisussa European Wireless Conference 2016, EW 2016. VDE. 2016. s. 407-414

Li L, Ghazi A, Boutellier J, Anttila L, Valkama M, Bhattacharyya SS. **Evolutionary multiobjective optimization for digital predistortion architectures.** julkaisussa Cognitive Radio Oriented Wireless Networks: 11th International Conference, CROWNCOM 2016, Grenoble, France, May 30 - June 1, 2016, Proceedings. Springer Verlag. 2016. s. 498-510. (Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-319-40352-6_41

Ivanov S, Balasubramaniam S, Botvich D, Akan OB. **Gravity gradient routing for information delivery in fog Wireless Sensor Networks.** Ad Hoc Networks. 2016;46:61-74. <https://doi.org/10.1016/j.adhoc.2016.03.011>

Masek P, Hosek J, Zeman K, Stusek M, Kovac D, Cika P et al. **Implementation of True IoT Vision: Survey on Enabling Protocols and Hands-On Experience.** International Journal of Distributed Sensor Networks. 2016;2016. 8160282. <https://doi.org/10.1155/2016/8160282>

Xing H, Renfors M. **Link level performance of a multicarrier CDMA based device-to-device integrated OFDMA cellular system.** julkaisussa European Wireless Conference 2016, EW 2016. VDE. 2016. s. 338-343

Eteзов S, Gaidamaka Y, Samouylov K, Moltchanov D, Samuylov A, Andreev S et al. **On distribution of SIR in dense D2D deployments.** julkaisussa European Wireless Conference 2016, EW 2016. VDE. 2016. s. 333-337

Iosifidis A, Mygdalis V, Tefas A, Pitas I. **One-Class Classification based on Extreme Learning and Geometric Class Information.** Neural Processing Letters. 2016;1-16. <https://doi.org/10.1007/s11063-016-9541-y>

Asp A, Yunas SF, Kilpeläinen V, Niemelä J, Valkama M. **Passive intermodulation and network planning challenges in future indoor networks and energy efficient buildings.** julkaisussa European Wireless Conference 2016, EW 2016. VDE. 2016. s. 400-406

Komarov M, Deng B, Petrov V, Moltchanov D. **Performance analysis of simultaneous communications in bacterial nanonetworks.** Nano Communication Networks. 2016;8:55-67. <https://doi.org/10.1016/j.nancom.2016.02.002>

Vihervaara J, Loula P, Tuominen T. **Performance gains from web performance optimization: Case including the optimization of webpage resources in a comprehensive way.** julkaisussa WEBIST 2016 - Proceedings of the 12th International Conference on Web Information Systems and Technologies: Rome; Italy; 23 April 2016 through 25 April 2016. SCITEPRESS. 2016. s. 188-193

Yunas SF, Ansari WH, Valkama M. **Technoeconomical Analysis of Macrocell and Femtocell Based HetNet under Different Deployment Constraints**. Mobile Information Systems. 2016;2016. 6927678. <https://doi.org/10.1155/2016/6927678>

Kokkonen J, Petrov V, Moltchanov D, Lehtomäki J, Koucheryav Y, Juntti M. **Wideband terahertz band reflection and diffuse scattering measurements for beyond 5G indoor wireless networks**. julkaisussa European Wireless Conference 2016, EW 2016. VDE. 2016. s. 89-94

Masek P, Zeman K, Kuder Z, Hosek J, Andreev S, Fujdiak R et al. **Wireless M-BUS: An attractive M2M technology for 5G-grade home automation**. julkaisussa Internet of Things: IoT Infrastructures - 2nd International Summit, 3 IoT 360° 2015, Revised Selected Papers. Springer Verlag. 2016. s. 144-156. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-319-47063-4_13

Dai C-Q, Li F-J, Renfors M. **Energy cooperation for throughput optimization based on save-then-transmit protocol in wireless communication system**. Eurasip Journal on Wireless Communications and Networking. 2015 joulu 26;2015(1). 119. <https://doi.org/10.1186/s13638-015-0364-8>

López MB, Nieto A, Silvén O, Bóutellier J, Vilariño DL. **Reconfigurable computing for future vision-capable devices**. julkaisussa Proceedings - 2015 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation, SAMOS 2015. Institute of Electrical and Electronics Engineers Inc. 2015. s. 34-41. 7363657 <https://doi.org/10.1109/SAMOS.2015.7363657>

Nate KA, Hester J, Isakov M, Bahr R, Tentzeris MM. **A fully printed multilayer aperture-coupled patch antenna using hybrid 3D / inkjet additive manufacturing technique**. julkaisussa European Microwave Week 2015: "Freedom Through Microwaves", EuMW 2015 - Conference Proceedings; 2015 45th European Microwave Conference Proceedings, EuMC. Institute of Electrical and Electronics Engineers Inc. 2015. s. 610-613. 7345837 <https://doi.org/10.1109/EuMC.2015.7345837>

Le T, Bahr RA, Tentzeris MM, Song B, Wong CP. **A novel chipless RFID-based stretchable and wearable hand gesture sensor**. julkaisussa European Microwave Week 2015: "Freedom Through Microwaves", EuMW 2015 - Conference Proceedings; 2015 45th European Microwave Conference Proceedings, EuMC. Institute of Electrical and Electronics Engineers Inc. 2015. s. 371-374. 7345777 <https://doi.org/10.1109/EuMC.2015.7345777>

Moscato S, Pasian M, Bozzi M, Perregini L, Bahr R, Le T et al. **Exploiting 3D printed substrate for microfluidic SIW sensor**. julkaisussa European Microwave Week 2015: "Freedom Through Microwaves", EuMW 2015 - Conference Proceedings; 2015 45th European Microwave Conference Proceedings, EuMC. Institute of Electrical and Electronics Engineers Inc. 2015. s. 28-31. 7345691 <https://doi.org/10.1109/EuMC.2015.7345691>

Hester JGD, Tentzeris MM, Fang Y. **Inkjet-printed, flexible, high performance, carbon nanomaterial based sensors for ammonia and DMMP gas detection**. julkaisussa European Microwave Week 2015: "Freedom Through Microwaves", EuMW 2015 - Conference Proceedings; 2015 45th European Microwave Conference Proceedings, EuMC. Institute of Electrical and Electronics Engineers Inc. 2015. s. 857-860. 7345899 <https://doi.org/10.1109/EuMC.2015.7345899>

Bahr R, Le T, Tentzeris MM, Moscato S, Pasian M, Bozzi M et al. **RF characterization of 3D printed flexible materials- NinjaFlex Filaments**. julkaisussa European Microwave Week 2015: "Freedom Through Microwaves", EuMW 2015 - Conference Proceedings; 2015 45th European Microwave Conference Proceedings, EuMC. Institute of Electrical and Electronics Engineers Inc. 2015. s. 742-745. 7345870 <https://doi.org/10.1109/EuMC.2015.7345870>

Nummenmaa T, Tyni H, Kultima A, Alha K, Holopainen J. **Need to touch, wonder of discovery, and social capital: Experiences with interactive playful seats**. julkaisussa ACE 2015 - 12th Advances in Computer Entertainment Technology Conference, Proceedings. Vuosikerta 16-19-November-2015. Association for Computing Machinery. 2015. 10 <https://doi.org/10.1145/2832932.2832959>

Jumisko-Pyykkö S, Markopoulos P, Hannuksela MM. **Who is moving - User or device? Experienced quality of mobile 3D video in vehicles**. julkaisussa ACE 2015 - 12th Advances in Computer Entertainment Technology Conference, Proceedings. ACM. 2015. 13 <https://doi.org/10.1145/2832932.2832948>

Werner J, Wang J, Hakkarainen A, Gulati N, Patron D, Pfeil D et al. **Sectorized antenna-based DoA estimation and localization: Advanced algorithms and measurements.** IEEE Journal on Selected Areas in Communications. 2015 marras 1;33(11):2272-2286. <https://doi.org/10.1109/JSAC.2015.2430292>

Shahriar MS, Rahman MS. **Urban sensing and smart home energy optimisations: A machine learning approach.** julkaisussa IoT-App 2015 - Proceedings of the 2015 International Workshop on Internet of Things Towards Applications, co-located with SenSys 2015. ACM. 2015. s. 19-22 <https://doi.org/10.1145/2820975.2820979>

Guina M. **Progress and applications of VECSELS: The most versatile laser platform.** julkaisussa 2015 1st URSI Atlantic Radio Science Conference, URSI AT-RASC 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7303031 <https://doi.org/10.1109/URSI-AT-RASC.2015.7303031>

Kannisto J, Takahashi T, Harju J, Heikkinen S, Helenius M, Matsuo S et al. **A non-repudiable negotiation protocol for security service level agreements.** International Journal of Communication Systems. 2015 loka 1;28(15):2067-2081. <https://doi.org/10.1002/dac.2856>

Rantala J, Kangas J, Isokoski P, Akkil D, Špakov O, Raisamo R. **Haptic feedback of gaze gestures with glasses: Localization accuracy and effectiveness.** julkaisussa UbiComp and ISWC 2015 - Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing and the Proceedings of the 2015 ACM International Symposium on Wearable Computers. Association for Computing Machinery, Inc. 2015. s. 855-862 <https://doi.org/10.1145/2800835.2804334>

Martinez R, Kimionis J, Georgiadis A, Collado A, Tentzeris M, Goussetis G et al. **Circularly polarized shorted ring slot rectenna with a mesh design for optimized inkjet printing on paper substrate.** julkaisussa 2015 9th European Conference on Antennas and Propagation, EuCAP 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7228814

Goncalves R, Pinho P, Carvalho NB, Tentzeris MM. **Humidity passive sensors based on UHF RFID using cork dielectric slabs.** julkaisussa 2015 9th European Conference on Antennas and Propagation, EuCAP 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7228346

Su W, Cook BS, Tentzeris MM. **Low-cost microfluidics-enabled tunable loop antenna using inkjet-printing technologies.** julkaisussa 2015 9th European Conference on Antennas and Propagation, EuCAP 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7228990

Nanavati AA, Rajput N, Turunen M, Knoche H, Rehm M. **Mobiscool: 1st workshop on mobile, social and culturally oriented learning.** julkaisussa MobileHCI 2015 - Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct. Association for Computing Machinery, Inc. 2015. s. 1187-1190 <https://doi.org/10.1145/2786567.2795402>

Zhu S, Zeng B, Liu G, Zeng L, Fang L, Gabbouj M. **Image interpolation based on non-local geometric similarities.** julkaisussa 2015 IEEE International Conference on Multimedia and Expo (ICME). IEEE COMPUTER SOCIETY PRESS. 2015 <https://doi.org/10.1109/ICME.2015.7177417>

Hamari J, Koivisto J. **Why do people use gamification services?** International Journal of Information Management. 2015 elo 1;35(4):419-431. <https://doi.org/10.1016/j.ijinfomgt.2015.04.006>

Kimionis J, Georgiadis A, Isakov M, Qi HJ, Tentzeris MM. **3D/inkjet-printed origami antennas for multi-direction RF harvesting.** julkaisussa 2015 IEEE MTT-S International Microwave Symposium, IMS 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7166878 <https://doi.org/10.1109/MWSYM.2015.7166878>

Mariotti C, Cook BS, Alimenti F, Roselli L, Tentzeris MM. **Additively manufactured multilayer high performance RF passive components on cellulose substrates for internet-of-things electronic circuits.** julkaisussa 2015 IEEE MTT-S International Microwave Symposium, IMS 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7166924 <https://doi.org/10.1109/MWSYM.2015.7166924>

Kim S, Bito J, Jeong S, Georgiadis A, Tentzeris MM. **A flexible hybrid printed RF energy harvester utilizing catalyst-based copper printing technologies for far-field RF energy harvesting applications.** julkaisussa 2015 IEEE MTT-S International Microwave Symposium, IMS 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7166723 <https://doi.org/10.1109/MWSYM.2015.7166723>

Bito J, Hester JG, Tentzeris MM. **Ambient energy harvesting from a two-way talk radio for flexible wearable devices utilizing inkjet printing masking.** julkaisussa 2015 IEEE MTT-S International Microwave Symposium, IMS 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7167079 <https://doi.org/10.1109/MWSYM.2015.7167079>

Sheikh MU, Sæe J, Lempiäinen J. **Evaluation of SPMA and higher order sectorization for homogeneous SIR through macro sites.** Wireless Networks. 2015 heinä 16;21(6). <https://doi.org/10.1007/s11276-015-1019-8>

Rantala M, Soini J, Kilamo T. **Gathering useful programming data; Analysis and insights from real-time collaborative editing.** julkaisussa 2015 38th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc. 2015. s. 229-234. 7160270 <https://doi.org/10.1109/MIPRO.2015.7160270>

El Din MS, El-Tarhuni M, Assaleh K, Kiranyaz S. **An HMM-based spectrum access algorithm for cognitive radio systems.** julkaisussa 2015 International Conference on Information and Communication Technology Research, ICTRC 2015. The Institute of Electrical and Electronics Engineers, Inc. 2015. s. 116-119. 7156435 <https://doi.org/10.1109/ICTRC.2015.7156435>

Qutab-Ud-Din M, Hazmi A, Badihi B, Larmo A, Torsner J, Valkama M. **Performance analysis of IoT-enabling IEEE 802.11ah technology and its RAW mechanism with non-cross slot boundary holding schemes.** julkaisussa 2015 IEEE 16th International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM). The Institute of Electrical and Electronics Engineers, Inc. 2015 <https://doi.org/10.1109/WoWMoM.2015.7158204>

Leppänen M, Hokkanen L. **Four patterns for internal startups.** julkaisussa Proceedings of the 20th European Conference on Pattern Languages of Programs, EuroPLoP 2015. ACM. 2015. a5 <https://doi.org/10.1145/2855321.2855327>

Hokkanen L, Leppänen M. **Three patterns for user involvement in startups.** julkaisussa Proceedings of the 20th European Conference on Pattern Languages of Programs, EuroPLoP 2015. ACM. 2015. a51 <https://doi.org/10.1145/2855321.2855373>

Georgiev M, Belyaev E, Gotchev A. **Depth Map Compression Using Color-Driven Isotropic Segmentation and Regularised Reconstruction.** julkaisussa Data Compression Conference Proceedings. Vuosikerta 2015-July. The Institute of Electrical and Electronics Engineers, Inc. 2015. s. 153-162. 7149272 <https://doi.org/10.1109/DCC.2015.88>

Silverajan B, Luoma J-P, Vajaranta M, Itäpuro R. **Collaborative cloud-based management of home networks.** julkaisussa Proceedings of the 2015 IFIP/IEEE International Symposium on Integrated Network Management, IM 2015. IEEE. 2015. s. 786-789 <https://doi.org/10.1109/INM.2015.7140376>

Rindell K, Hyrynsalmi S, Leppänen V. **A comparison of security assurance support of agile software development methods .** julkaisussa Computer Systems and Technologies - 16th International Conference, CompSysTech 2015: Proceedings. Vuosikerta 1008. Association for Computing Machinery. 2015. s. 61-68 <https://doi.org/10.1145/2812428.2812431>

Mononen M, Saarenpää J, Kolehmainen M, Niska H, Rautiainen A. **Monetary impact of dynamic pricing and demand response on households: The winners and losers.** julkaisussa 2015 IEEE Power and Energy Society Innovative Smart Grid Technologies Conference, ISGT 2015. The Institute of Electrical and Electronics Engineers, Inc. 2015. 7131818 <https://doi.org/10.1109/ISGT.2015.7131818>

Saintsing CD, Yu K, Qi HJ, Tentzeris M. **Planar monopole antennas on substrates fabricated through an additive manufacturing process.** IEEE Radio and Wireless Symposium, RWS. 2015 kesä 19;2015-June(June):159-161. 7129744. <https://doi.org/10.1109/RWS.2015.7129744>

- Liu X, Georgakopoulos SV, Tentzeris M. **A novel mode and frequency reconfigurable origami quadrifilar helical antenna.** julkaisussa 2015 IEEE 16th Annual Wireless and Microwave Technology Conference, WAMICON 2015. Institute of Electrical and Electronics Engineers Inc. 2015. 7120416 <https://doi.org/10.1109/WAMICON.2015.7120416>
- Suojanen M, Kuikka V, Nikkarila JP, Nurmi J. **An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations.** julkaisussa 9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc. 2015. s. 601-607 <https://doi.org/10.1109/SYSCON.2015.7116817>
- Heino M, Korpi D, Huusari T, Antonio-Rodríguez E, Venkatasubramanian S, Riihonen T et al. **Recent advances in antenna design and interference cancellation algorithms for in-band full duplex relays.** IEEE Communications Magazine. 2015 touko 1;53(5):91-101. <https://doi.org/10.1109/MCOM.2015.7105647>
- Zaki G, Plishker W, Bhattacharyya SS, Fruth F. **Partial expansion of dataflow graphs for resource-aware scheduling of multicore signal processing systems.** julkaisussa Conference Record of the 48th Asilomar Conference on Signals, Systems and Computers. Vuosikerta 2015-April. IEEE COMPUTER SOCIETY PRESS. 2015. s. 385-392. 7094469 <https://doi.org/10.1109/ACSSC.2014.7094469>
- Ho-Van K, Sofotasios PC, Alexandropoulos GC, Freear S. **Bit error rate of underlay decode-and-forward cognitive networks with best relay selection.** Journal of Communications and Networks. 2015 huhti 1;17(2):162-171. <https://doi.org/10.1109/JCN.2015.000030>
- Donohoe M, Jennings B, Balasubramaniam S. **Context-awareness and the smart grid: Requirements and challenges.** Computer Networks. 2015 maaliskuu 14;79:263-282. <https://doi.org/10.1016/j.comnet.2015.01.007>
- Giannoulis G, Korpijärvi VM, Iliadis N, Mäkelä J, Viheriälä J, Apostolopoulos D et al. **Dilute nitride SOAs for high-speed data processing in variable temperature conditions.** julkaisussa Optical Fiber Communication Conference, OFC 2015. OSA - The Optical Society. 2015
- Miranda J, Mäkitalo N, Garcia-Alonso J, Berrocal J, Mikkonen T, Canal C et al. **From the Internet of Things to the Internet of People.** IEEE Internet Computing. 2015 maaliskuu 1;19(2):40-47. <https://doi.org/10.1109/MIC.2015.24>
- Akyildiz IF, Pierobon M, Balasubramaniam S, Koucheryavy Y. **The internet of Bio-Nano things.** IEEE Communications Magazine. 2015 maaliskuu 1;53(3):32-40. <https://doi.org/10.1109/MCOM.2015.7060516>
- Nguyen-Thanh D, Le-Tien T, Bui-Thu C, Le-Thanh T. **LTE indoor MIMO performances field measurements.** julkaisussa International Conference on Advanced Technologies for Communications. IEEE. 2015. s. 84-89 <https://doi.org/10.1109/ATC.2014.7043361>
- Rivero Rodriguez A, Leppäkoski H, Piché R. **Semantic Labeling of Places based on Phone Usage Features using Supervised Learning.** julkaisussa 2014 Ubiquitous Positioning Indoor Navigation and Location Based Service, UPINLBS 2014 - Conference Proceedings. Piscataway, NJ, USA: IEEE. 2015. s. 97-102. 7033715 <https://doi.org/10.1109/UPINLBS.2014.7033715>
- Knyazev S, Tarakanov S, Kuznetsov V, Porozov Y, Koucheryavy Y, Stepanov E. **Coarse-grained model of protein interaction for bio-inspired nano-communication.** julkaisussa 2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). 2015. s. 260-262 <https://doi.org/10.1109/ICUMT.2014.7002112>
- Michalas A, Paladi N, Gehrman C. **Security aspects of e-Health systems migration to the cloud.** julkaisussa 2014 IEEE 16th International Conference on e-Health Networking, Applications and Services, Healthcom 2014. Institute of Electrical and Electronics Engineers Inc. 2015. s. 212-218. 7001843 <https://doi.org/10.1109/HealthCom.2014.7001843>

- Hasan M, Hossain E, Balasubramaniam S, Koucheryavy Y. **Social behavior in bacterial nanonetworks: Challenges and opportunities.** IEEE Network. 2015 tammi 1;29(1):26-34. 7018200. <https://doi.org/10.1109/MNET.2015.7018200>
- Yunas S, Valkama M, Niemelä J. **Spectral and energy efficiency of ultra-dense networks under different deployment strategies.** IEEE Communications Magazine. 2015 tammi 1;53(1):90-100. <https://doi.org/10.1109/MCOM.2015.7010521>
- Michalás A, Dowsley R. **Towards Trusted eHealth Services in the Cloud.** julkaisussa Proceedings - 2015 IEEE/ACM 8th International Conference on Utility and Cloud Computing, UCC 2015. Institute of Electrical and Electronics Engineers Inc. 2015. s. 618-623. 7431484 <https://doi.org/10.1109/UCC.2015.108>
- Khonsari Z, Björninen T, Tentzeris MM, Sydänheimo L, Ukkonen L. **2.4 GHz inkjet-printed RF energy harvester on bulk cardboard substrate.** julkaisussa 2015 IEEE Radio and Wireless Symposium (RWS), 25-28 Jan. 2015, San Diego, CA . IEEE. 2015. s. 153-155 <https://doi.org/10.1109/RWS.2015.7129721>
- Malinen S, Nurkka P. **Cultural influence on online community use: A cross-cultural study on online exercise diary users of three nationalities.** International Journal of Web Based Communities. 2015;11(2):153-169. <https://doi.org/10.1504/IJWBC.2015.068539>
- Mantilla RMF, Nieto Lee A, Lastra JLM. **Definition of key performance indicators for energy efficient assessment in the transport sector.** julkaisussa SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS. 2015. s. 78-82
- Mantilla R. MF, Nieto Lee A, Lastra JLM, Kotakorpi E. **Methodology for energy efficiency assessment in the transport sector for smart cities.** julkaisussa SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS. 2015. s. 72-77
- Valmari A. **On constructibility and unconstructibility of LTS operators from other LTS operators.** Acta Informatica. 2015;52(2-3):207-234. <https://doi.org/10.1007/s00236-015-0217-2>
- Mantilla R. MF, Nieto Lee A, Lastra JLM. **Parameters affecting the energy performance of the transport sector in smart cities.** julkaisussa SMARTGREENS 2015 - 4th International Conference on Smart Cities and Green ICT Systems, Proceedings. SCITEPRESS. 2015. s. 83-88
- Hecker K, Clemens W, Lupo D, Breitung S. **Roadmap for organic and printed electronics.** julkaisussa Smart Systems Integration 2015 - 9th International Conference and Exhibition on Integration Issues of Miniaturized Systems: MEMS, NEMS, ICs and Electronic Components, SSI 2015. Apprimus Verlag. 2015. s. 125-126
- Galinina O, Mikhaylov K, Andreev S, Turlikov A, Koucheryavy Y. **Smart home gateway system over Bluetooth low energy with wireless energy transfer capability.** Eurasip Journal on Wireless Communications and Networking. 2015;2015(1). 178. <https://doi.org/10.1186/s13638-015-0393-3>
- Yunas SF, Valkama M, Niemelä J. **Techno-Economical Comparison of Dynamic DAS and Legacy Macrocellular Densification: Capacity and Cost-Efficiency Analysis of Alternative Deployment Solutions for Outdoor Service Provisioning .** International Journal of Wireless Information Networks. 2015;22(4):312-326. <https://doi.org/10.1007/s10776-015-0286-8>
- Hamari J. **Why do people buy virtual goods? Attitude toward virtual good purchases versus game enjoyment.** International Journal of Information Management. 2015;35(3):299-308. <https://doi.org/10.1016/j.ijinfomgt.2015.01.007>
- Iosifidis A, Tefas A, Pitas I. **Class-Specific Reference Discriminant Analysis With Application in Human Behavior Analysis.** IEEE Transactions on Human-Machine Systems. 2014 joulu 25;45(3):315-326. <https://doi.org/10.1109/THMS.2014.2379274>

Di YH, Liu XY, Tentzeris MM. **A conformable dual-band antenna equipped with AMC for WBAN applications.** julkaisussa Proceedings of 3rd Asia-Pacific Conference on Antennas and Propagation, APCAP 2014. Institute of Electrical and Electronics Engineers Inc. 2014. s. 388-391. 6992505 <https://doi.org/10.1109/APCAP.2014.6992505>

Kultima A, Nummenmaa T, Tyni H, Alha K, Mayra F. **Goofy Mus, grumpy Mur and dirty Muf: Talking playful seats with personalities.** julkaisussa ACE 2014 - 11th Advances in Computer Entertainment Technology Conference, Workshops Proceedings. Vuosikerta 11-14-November-2014. Association for Computing Machinery. 2014. a9 <https://doi.org/10.1145/2693787.2693790>

Mäkelä V, Heimonen T, Luhtala M, Turunen M. **Information wall: Evaluation of a gesture-controlled public display.** julkaisussa ACE 2014 - 11th Advances in Computer Entertainment Technology Conference, Proceedings. Vuosikerta 2014-November. Association for Computing Machinery. 2014. s. 228-231 <https://doi.org/10.1145/2677972.2677998>

Kimionis J, Tentzeris MM. **RF tag front-end design for uncompromised communication and harvesting.** julkaisussa 2014 IEEE RFID Technology and Applications Conference, RFID-TA 2014. Institute of Electrical and Electronics Engineers Inc. 2014. s. 109-114. 6934210 <https://doi.org/10.1109/RFID-TA.2014.6934210>

Traille A, Georgiadis A, Collado A, Kawahara Y, Aubert H, Tentzeris MM. **Inkjet-printed 'Zero-Power' wireless sensor and power management nodes for IoT and 'Smart Skin' applications.** julkaisussa 2014 31th URSI General Assembly and Scientific Symposium, URSI GASS 2014. Institute of Electrical and Electronics Engineers Inc. 2014. 6929374 <https://doi.org/10.1109/URSIGASS.2014.6929374>

Koski K, Moradi E, Bjorninen T, Sydanheimo L, Rahmat-Samii Y, Ukkonen L. **On-body antennas: Towards wearable intelligence.** julkaisussa 2014 31th URSI General Assembly and Scientific Symposium, URSI GASS 2014. Institute of Electrical and Electronics Engineers Inc. 2014. 6930122 <https://doi.org/10.1109/URSIGASS.2014.6930122>

Vihavainen A, Luukkainen M, Ihantola P. **Analysis of source code snapshot granularity levels.** julkaisussa SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education. Association for Computing Machinery, Inc. 2014. s. 21-26 <https://doi.org/10.1145/2656450.2656473>

Ihantola P, Sorva J, Vihavainen A. **Automatically detectable indicators of programming assignment difficulty.** julkaisussa SIGITE 2014 - Proceedings of the 15th Annual Conference on Information Technology Education. Association for Computing Machinery, Inc. 2014. s. 33-38 <https://doi.org/10.1145/2656450.2656476>

He Y, Pan Z, Yang J, Sun G, Tentzeris MM. **Effect of feeder cable's phase tolerance on the first sidelobe level of base station antenna.** julkaisussa IWCMC 2014 - 10th International Wireless Communications and Mobile Computing Conference. Institute of Electrical and Electronics Engineers Inc. 2014. s. 1022-1026. 6906495 <https://doi.org/10.1109/IWCMC.2014.6906495>

Zhu S, Zeng B, Gabbouj M. **Adaptive sampling for compressed sensing based image compression.** julkaisussa 2014 IEEE International Conference on Multimedia and Expo (ICME), 14-18 July 2014, Chengdu. 2014 <https://doi.org/10.1109/ICME.2014.6890268>

Suominen A, Hyrynsalmi S, Knuutila T. **Young mobile users: Radical and individual - Not.** Telematics and Informatics. 2014 touko;31(2):266-281. <https://doi.org/10.1016/j.tele.2013.08.003>

Eloranta V-P. **Patterns for controlling chaos in a startup.** julkaisussa VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs. Vuosikerta 2014-April. Association for Computing Machinery. 2014. s. 1-8. (ACM International Conference Proceeding Series). <https://doi.org/10.1145/2676680.2676682>

Leppänen M. **Two patterns for minimizing human resources in a startup.** julkaisussa VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP) . ACM. 2014. 4 <https://doi.org/10.1145/2676680.2676686>

Pajarinen J, Hottinen A, Peltonen J. **Optimizing spatial and temporal reuse in wireless networks by decentralized partially observable markov decision processes.** IEEE Transactions on Mobile Computing. 2014 huhti;13(4):866-879. 6482133. <https://doi.org/10.1109/TMC.2013.39>

Bitto J, Cook BS, Tentzeris MM. **A multi-coil wireless power transfer system utilizing dynamic matching for in-vivo and biomedical applications.** julkaisussa 2014 Asia-Pacific Microwave Conference Proceedings, APMC 2014. Institute of Electrical and Electronics Engineers Inc. 2014. s. 680-682. 7067912

De Wit JJM, Harmanny RIA, Molchanov P. **Radar micro-Doppler feature extraction using the Singular Value Decomposition.** julkaisussa 2014 International Radar Conference, Radar 2014. The Institute of Electrical and Electronics Engineers, Inc. 2014 <https://doi.org/10.1109/RADAR.2014.7060268>

Lauren S, Maki P, Rauti S, Hosseinzadeh S, Hyrynsalmi S, Leppanen V. **Symbol diversification of linux binaries.** julkaisussa 2014 World Congress on Internet Security, WorldCIS 2014. Institute of Electrical and Electronics Engineers Inc. 2014. s. 74-79 <https://doi.org/10.1109/WorldCIS.2014.7028170>

Lee CS, Chen WC, Bhattacharyya SS, Lee TS. **Dynamic, data-driven spectrum management in cognitive small cell networks.** julkaisussa 2014, 8th International Conference on Signal Processing and Communication Systems, ICSPCS 2014 - Proceedings. Institute of Electrical and Electronics Engineers Inc. 2014. 7021121 <https://doi.org/10.1109/ICSPCS.2014.7021121>

Paladi N, Michalas A. **'One of our hosts in another country': Challenges of data geolocation in cloud storage.** julkaisussa 2014 4th International Conference on Wireless Communications, Vehicular Technology, Information Theory and Aerospace and Electronic Systems, VITAE 2014 - Co-located with Global Wireless Summit. Institute of Electrical and Electronics Engineers Inc. 2014. 6934507 <https://doi.org/10.1109/VITAE.2014.6934507>

Michalas A, Komninos N. **The lord of the sense: A privacy preserving reputation system for participatory sensing applications.** julkaisussa 2014 IEEE Symposium on Computers and Communications, ISCC 2014 - Proceedings. Institute of Electrical and Electronics Engineers Inc. 2014. 6912480 <https://doi.org/10.1109/ISCC.2014.6912480>

Ozan EC, Tankiz S, Acar BO, Ciloglu T. **An Unsupervised Audio Segmentation Method Using Bayesian Information Criterion.** julkaisussa 6th International Symposium on Communications, Control & Signal Processing, ISCCSP, 21-23.5.2014, Athens, Greece. NEW YORK: IEEE. 2014. s. 640-643 <https://doi.org/10.1109/ISCCSP.2014.6877956>

Siirtola H. **Bars, pies, doughnuts & tables - Visualization of proportions.** julkaisussa Proceedings of the 28th International BCS Human Computer Interaction Conference: Sand, Sea and Sky - Holiday HCI, HCI 2014. BCS Learning and Development Ltd. 2014. s. 241-245 <https://doi.org/10.14236/ewic/hci2014.30>

Mouaffo A, Taibi D, Jamboti K. **Controlled experiments comparing fault-tree-based safety analysis techniques.** julkaisussa 18th International Conference on Evaluation and Assessment in Software Engineering, EASE 2014. Association for Computing Machinery (ACM). 2014. a46 <https://doi.org/10.1145/2601248.2601255>

Korpi D, Anttila L, Valkama M. **Impact of received signal on self-interference channel estimation and achievable rates in in-band full-duplex transceivers.** julkaisussa 2014 48th Asilomar Conference on Signals, Systems and Computers. IEEE COMPUTER SOCIETY PRESS. 2014. s. 975-982 <https://doi.org/10.1109/ACSSC.2014.7094599>

Tentzeris MM, Kim S, Vyas R, Traille A, Pons P, Aubert H et al. **Inkjet-printed "zero-Power" wireless sensor and power management nodes for IoT and "smart Skin" applications.** julkaisussa 2014 20th International Conference on Microwaves, Radar and Wireless Communications, MIKON 2014. Institute of Electrical and Electronics Engineers Inc. 2014. 6899902 <https://doi.org/10.1109/MIKON.2014.6899902>

Jarusriboonchai P, Olsson T, Ojala J, Väänänen-Vainio-Mattila K. **Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study.** julkaisussa Proceedings of the 13th International Conference on Mobile and Ubiquitous Multimedia, MUM2014, November 25-28, 2014, Melbourne, Australia. New York, NY: ACM. 2014. s. 89-97. (International conference on mobile and ubiquitous multimedia). <https://doi.org/10.1145/2677972.2677993>

Yang Z, Peltonen J, Kaski S. **Optimization equivalence of divergences improves neighbor embedding.** julkaisussa 31st International Conference on Machine Learning, ICML 2014. Vuosikerta 2. International Machine Learning Society (IMLS). 2014. s. 1808-1839

Niotaki K, Kim S, Giuppi F, Collado A, Georgiadis A, Tentzeris MM. **Optimized design of multiband and solar rectennas.** julkaisussa WiSNet 2014 - Proceedings: 2014 IEEE Topical Conference on Wireless Sensors and Sensor Networks. IEEE COMPUTER SOCIETY PRESS. 2014. s. 31-33. 6825507 <https://doi.org/10.1109/WiSNet.2014.6825507>

Pons P, Aubert H, Tentzeris M. **Overview of electromagnetic transducers with radar interrogation for passive wireless sensors applications.** julkaisussa 2014 20th International Conference on Microwaves, Radar and Wireless Communications, MIKON 2014. Institute of Electrical and Electronics Engineers Inc. 2014. 6899901 <https://doi.org/10.1109/MIKON.2014.6899901>

Ivasic-Kos M, Iosifidis A, Tefas A, Pitas I. **Person de-identification in activity videos.** julkaisussa 2014 37th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2014 - Proceedings. IEEE COMPUTER SOCIETY PRESS. 2014. s. 1294-1299 <https://doi.org/10.1109/MIPRO.2014.6859767>

Meskill B, Balasubramaniam S, Brennan R, Feeney K, Jennings B. **Federation lifecycle management incorporating coordination of bio-inspired self-management processes.** JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT. 2013 joulu;21(4):650-676. <https://doi.org/10.1007/s10922-013-9263-7>

Björninen T, Moradi E, Koski K, Sydänheimo L, Ukkonen L, Muller R et al. **Wearable and implantable antennas for wireless body-centric sensing systems.** julkaisussa BODYNETS 2013 - 8th International Conference on Body Area Networks. ICST. 2013. s. 288 <https://doi.org/10.4108/icst.bodynets.2013.253580>

Hamari J. **Transforming homo economicus into homo ludens: A field experiment on gamification in a utilitarian peer-to-peer trading service.** Electronic Commerce Research and Applications. 2013 heinä;12(4):236-245. <https://doi.org/10.1016/j.elerap.2013.01.004>

Evreinova TV, Evreinov G, Raisamo R. **An evaluation of the virtual curvature with the StickGrip haptic device: A case study.** Universal Access in the Information Society. 2013 kesä;12(2):161-173. <https://doi.org/10.1007/s10209-012-0273-0>

Luhtala M, Turunen M, Hakulinen J, Keskinen T. **'Aie-studio' - A pragmatist aesthetic approach for procedural sound design.** julkaisussa Proceedings of the 8th Audio Mostly: A Conference on Interaction with Sound, AM 2013 - In Cooperation with ACM SIGCHI. Association for Computing Machinery. 2013. 7 <https://doi.org/10.1145/2544114.2544124>

Petrov V, Komar M, Koucheryavy Y. **A lightweight many-to-many authentication protocol for near field communications.** julkaisussa Proceedings of the 2013 21st IEEE International Conference on Network Protocols, ICNP 2013. IEEE COMPUTER SOCIETY PRESS. 2013. 6733633 <https://doi.org/10.1109/ICNP.2013.6733633>

Mariotti C, Lakafosis V, Tentzeris MM, Roselli L. **An IPv6-enabled wireless shoe-mounted platform for health-monitoring.** julkaisussa WiSNet 2013 - Proceedings: 2013 IEEE Topical Conference on Wireless Sensors and Sensor Networks - 2013 IEEE Radio and Wireless Week, RWW 2013. 2013. s. 46-48. 6488629 <https://doi.org/10.1109/WiSNet.2013.6488629>

Sudusinghe K, Won S, Van Der Schaar M, Bhattacharyya S. **A novel framework for design and implementation of adaptive stream mining systems.** julkaisussa 2013 IEEE International Conference on Multimedia and Expo, ICME 2013. 2013. 6607565 <https://doi.org/10.1109/ICME.2013.6607565>

Cho I, Sudusinghe K, Shen CC, McGee J, Bhattacharyya S. **A system-level design approach for dynamic resource coordination and energy optimization in sensor network platforms.** julkaisussa Conference Record of the 47th Asilomar Conference on Signals, Systems and Computers. IEEE COMPUTER SOCIETY PRESS. 2013. s. 1436-1441. 6810533 <https://doi.org/10.1109/ACSSC.2013.6810533>

Aluigi L, Thai TT, Tentzeris MM, Roselli L, Alimenti F. **Chip-to-package wireless power transfer and its application to mm-Wave antennas and monolithic radiometric receivers.** julkaisussa RSW 2013 - 2013 IEEE Radio and Wireless Symposium - RWW 2013. 2013. s. 202-204. 6486688 <https://doi.org/10.1109/RWS.2013.6486688>

Molchanov P, Egiazarian K, Astola J, Harmanny RIA, De Wit JJM. **Classification of small UAVs and birds by micro-Doppler signatures.** julkaisussa European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuRAD 2013: 10th European Radar Conference. 2013. s. 172-175

Tyni H, Kultima A, Mäyrä F. **Dimensions of hybrid in playful products.** julkaisussa Proceedings of the 17th International Academic MindTrek Conference: "Making Sense of Converging Media", MindTrek 2013. 2013. s. 237-244

Ellervee P, Nurmi J. **Guest editorial.** Microprocessors and Microsystems. 2013;37(4-5):430-431. <https://doi.org/10.1016/j.micpro.2013.05.002>

Ihantola P, Helminen J, Karavirta V. **How to study programming on mobile touch devices - Interactive Python code exercises.** julkaisussa Proceedings - 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013. 2013. s. 51-58 <https://doi.org/10.1145/2526968.2526974>

Peltola T, Mäkinen SJ. **Improving absorptive capacity in product development with online collaboration tools.** julkaisussa Proceedings of the PICMET '13 Conference, "Technology Management in the IT-Driven Services", July 28 - August 1, 2013, San Jose, California, USA. Portland International Center on Management of Engineering and Technology. 2013. s. 235-243. 6641711. (Portland International Conference on Management of Engineering and Technology).

Tentzeris MM, Kim S, Traille A, Aubert H, Yoshihiro K, Georgiadis A et al. **Inkjet-printed RFID-enabled sensors on paper for IoT and "Smart Skin" applications.** julkaisussa ICECom 2013 - Conference Proceedings: 21st International Conference on Applied Electromagnetics and Communications. IEEE COMPUTER SOCIETY PRESS. 2013. 6684749 <https://doi.org/10.1109/ICECom.2013.6684749>

Kim S, Riccardo M, Bozzi M, Nikolaou S, Tentzeris MM. **Inkjet-printed wearable microwave components for biomedical applications.** julkaisussa 2013 7th European Conference on Antennas and Propagation, EuCAP 2013. 2013. s. 1926-1929. 6546625

Sand A, Rakkolainen I. **Mixed reality with multimodal head-mounted pico projector.** julkaisussa Proceedings of the Virtual Reality International Conference on Laval Virtual, VRIC 2013. 2013. 14 <https://doi.org/10.1145/2466816.2466831>

Turunen M, Kuoppala H, Kangas S, Hella J, Miettinen T, Heimonen T et al. **Mobile interaction with elevators - Improving people flow in complex buildings.** julkaisussa Proceedings of the 17th International Academic MindTrek Conference: "Making Sense of Converging Media", MindTrek 2013. 2013. s. 43-50

Iosifidis A, Tefas A, Pitas I. **On the optimal class representation in linear discriminant analysis.** IEEE Transactions on Neural Networks and Learning Systems . 2013;24(9):1491-1497. <https://doi.org/10.1109/TNNLS.2013.2258937>

Jonah O, Georgakopoulos SV, Tentzeris MM. **Orientation insensitive power transfer by magnetic resonance for mobile devices.** julkaisussa 2013 IEEE Wireless Power Transfer, WPT 2013. 2013. s. 5-8. 6556868 <https://doi.org/10.1109/WPT.2013.6556868>

Sharmin S, Špakov O, Rähkä KJ. **Reading on-screen text with gaze-based auto-scrolling.** julkaisussa Proceedings of the 2013 Conference on Eye Tracking South Africa, ETSA 2013. 2013. s. 24-31 <https://doi.org/10.1145/2509315.2509319>

Helminen J, Ihantola P, Karavirta V. **Recording and analyzing in-browser programming sessions.** julkaisussa Proceedings - 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013. 2013. s. 13-22 <https://doi.org/10.1145/2526968.2526970>

Hakulinen J, Turunen M, Heimonen T. **Spatial control framework for interactive lighting**. julkaisussa Proceedings of the 17th International Academic MindTrek Conference: "Making Sense of Converging Media", MindTrek 2013. 2013. s. 59-66

Kawahara Y, Wei W, Narusue Y, Shigeta R, Asami T, Tentzeris M. **Virtualizing power cords by wireless power transmission and energy harvesting**. julkaisussa RSW 2013 - 2013 IEEE Radio and Wireless Symposium - RWW 2013. 2013. s. 37-39. 6486633 <https://doi.org/10.1109/RWS.2013.6486633>

Aubert H, Pons P, Tentzeris M. **Wireless remote sensing based on RADAR cross section variability measurement of passive electromagnetic sensors**. julkaisussa 2013 7th European Conference on Antennas and Propagation, EuCAP 2013. 2013. s. 1714-1717. 6546571

Borrion H, Mitchener-Nissen T, Taylor J, Lai KM. **Countering bioterrorism: Why smart buildings should have a code of ethics**. 2012. Julkaisun esittämispaikka: 2012 European Intelligence and Security Informatics Conference, EISIC 2012, Odense, Tanska. <https://doi.org/10.1109/EISIC.2012.45>

Ivanov S, Botvich D, Balasubramaniam S. **Enzyme-based circuit design for nano-scale computing**. Nano Communication Networks. 2012 syys;3(3):168-174. <https://doi.org/10.1016/j.nancom.2012.09.002>

Lio' P, Balasubramaniam S. **Opportunistic routing through conjugation in bacteria communication nanonetwork**. Nano Communication Networks. 2012 maalisk;3(1):36-45. <https://doi.org/10.1016/j.nancom.2011.10.003>

Kumpulainen S, Järvelin K. **Barriers to task-based information access in molecular medicine**. JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY. 2012 tammi;63(1):86-97. <https://doi.org/10.1002/asi.21672>

Atakan B, Akan OB, Balasubramaniam S. **Body area nanonetworks with molecular communications in nanomedicine**. IEEE Communications Magazine. 2012 tammi;50(1):28-34. 6122529. <https://doi.org/10.1109/MCOM.2012.6122529>

Giuppi F, Georgiadis A, Via S, Collado A, Vyas R, Tentzeris MM et al. **A 927 MHz solar powered active antenna oscillator beacon signal generator**. julkaisussa RWW 2012 - Proceedings of the 2012 IEEE Topical Conference on Wireless Sensors and Sensor Networks, WiSNet 2012. 2012. s. 1-4. 6172144 <https://doi.org/10.1109/WiSNet.2012.6172144>

Kulatunga C, Botvich D, Balasubramaniam S, Donnelly W. **Analysis of block-aware peer adaptations in substream-based P2P**. julkaisussa Broadband Communications, Networks, and Systems - 7th International ICST Conference, BROADNETS 2010, Revised Selected Papers. Vuosikerta 66 LNICST. 2012. s. 14-27. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-642-30376-0_2

Andreev S, Pustovalov E, Sayenko A, Turlikov A. **Analysis of second UE DRX cycle for enhanced CELL FACH 3GPP UTRAN**. julkaisussa 4th International Congress on Ultra Modern Telecommunications and Control Systems 2012, ICUMT 2012. 2012. s. 7-11. 6459772 <https://doi.org/10.1109/ICUMT.2012.6459772>

Carroll R, Balasubramaniam S, Botvich D, Donnelly W. **Application of genetic algorithm to maximise clean energy usage for data centres**. julkaisussa Bio-Inspired Models of Network, Information, and Computing Systems - 5th International ICST Conference, BIONETICS 2010, Revised Selected Papers. Vuosikerta 87 LNICST. 2012. s. 565-580. (Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). https://doi.org/10.1007/978-3-642-32615-8_56

Väättäjä H, Egglestone P. **Briefing news reporting with mobile assignments - Perceptions, needs and challenges**. julkaisussa Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work CSCW'12 Seattle, WA, USA, February 11-15, 2012. New York, NY: ACM. 2012. s. 485-494. (ACM Conference on Computer Supported Cooperative Work). <https://doi.org/10.1145/2145204.2145280>

Lu W, Zhang Z, Nummenmaa J. **Deploying adaptation in rights exporting.** julkaisussa 2012 IEEE Consumer Communications and Networking Conference, CCNC'2012. 2012. s. 522-526. 6181006
<https://doi.org/10.1109/CCNC.2012.6181006>

Harrabi A, Gharsallah A, Tentzeris MM. **Design of a miniaturized RFID antenna integrated with sensor for wireless agricultural applications.** julkaisussa Proceedings of 6th European Conference on Antennas and Propagation, EuCAP 2012. 2012. s. 3483-3486. 6206699 <https://doi.org/10.1109/EuCAP.2012.6206699>

Mineraud J, Balasubramaniam S, Kangasharju J, Donnelly W. **fs-PGBR: A scalable and delay sensitive cloud routing protocol.** julkaisussa SIGCOMM'12 - Proceedings of the ACM SIGCOMM 2012 Conference Applications, Technologies, Architectures, and Protocols for Computer Communication. 2012. s. 301-302 <https://doi.org/10.1145/2342356.2342420>

Mineraud J, Donnelly W, Balasubramaniam S, Kangasharju J. **FS-PGBR: A scalable and delay sensitive cloud routing protocol.** julkaisussa Proceedings of the ACM SIGCOMM 2012 and Best Papers of the Co-located Workshops. 4 toim. Vuosikerta 42. 2012. s. 301-302 <https://doi.org/10.1145/2377677.2377741>

Kim S, Kawahara Y, Tentzeris MM. **Inkjet-printed monopole antennas for enhanced-range WBAN and wearable biomonitoring application.** julkaisussa MobileHealth'12 - Proceedings of the 2nd ACM International Workshop on Pervasive Wireless Healthcare. 2012. s. 33-38 <https://doi.org/10.1145/2248341.2248355>

Tentzeris MM, Vyas R, Lakafosis V, Traille A, Lee H, Gebara E et al. **Inkjet-printed RFIDs for wireless sensing and anti-counterfeiting.** julkaisussa Proceedings of 6th European Conference on Antennas and Propagation, EuCAP 2012. 2012. s. 3481-3482. 6206654 <https://doi.org/10.1109/EuCAP.2012.6206654>

Väättäjä H, Vainio T, Sirkkunen E. **Location-based crowdsourcing of hyperlocal news - Dimensions of participation preferences.** julkaisussa Proceedings of the 17th ACM international conference on Supporting group work, GROUP '12, October 28-31, 2012, Sanibel Island, FL, USA. New York, NY: ACM. 2012. s. 85-94. (ACM International Conference on Supporting Group Work). <https://doi.org/10.1145/2389176.2389189>

Suzuki J, Balasubramaniam S, Prina-Mello A. **Multiobjective TDMA optimization for neuron-based molecular communication.** julkaisussa BODYNETS 2012 - 7th International Conference on Body Area Networks. ICST. 2012 <https://doi.org/10.4108/icst.bodynets.2012.250037>

De Donno D, Tarricone L, Lakafosis V, Tentzeris MM. **Multipacket reception MAC schemes for the RFID EPC Gen2 protocol.** julkaisussa 2012 International Symposium on Wireless Communication Systems, ISWCS 2012 - Proceedings. 2012. s. 311-315. 6328380 <https://doi.org/10.1109/ISWCS.2012.6328380>

Zaki GF, Plishker W, Bhattacharyya SS, Fruth F. **Partial expansion graphs: Exposing parallelism and dynamic scheduling opportunities for DSP applications.** julkaisussa Proceedings - 2012 IEEE 23rd International Conference on Application-Specific Systems, Architectures and Processors, ASAP 2012. 2012. s. 86-93. 6341457
<https://doi.org/10.1109/ASAP.2012.14>

Fikadu MK, Elmusrati M, Virrankoski R. **Power allocation in multi-node cooperative network in Rician fading channels.** julkaisussa 2012 IEEE 8th International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2012. 2012. s. 496-501. 6379119 <https://doi.org/10.1109/WiMOB.2012.6379119>

Nanavati AA, Rajput N, Rudnicky AI, Turunen M, Sandholm T, Munteanu C et al. **SiMPE: 7th Workshop on speech and sound in mobile and pervasive environments.** julkaisussa MobileHCI'12 - Companion Proceedings of the 14th International Conference on Human Computer Interaction with Mobile Devices and Services. 2012. s. 251-253
<https://doi.org/10.1145/2371664.2371727>

Pelosi M, Pedersen GF, Della Rosa F, Nurmi J. **The role of the propagation environment in RSS-based indoor positioning using mass market devices.** julkaisussa LAPC 2012 - 2012 Loughborough Antennas and Propagation Conference. 2012 <https://doi.org/10.1109/LAPC.2012.6403032>

Palacios S, Rida A, Kim S, Nikolaou S, Elia S, Tentzeris MM. **Towards a Smart Wireless Integrated Module (SWIM) on flexible organic substrates using inkjet printing technology for wireless sensor networks.** julkaisussa 2012 IEEE International Workshop on Antenna Technology, IWAT 2012. 2012. s. 20-23. 6178388 <https://doi.org/10.1109/IWAT.2012.6178388>

Kim S, Tentzeris MM, Nikolaou S. **Wearable biomonitoring monopole antennas using inkjet printed electromagnetic band gap structures.** julkaisussa Proceedings of 6th European Conference on Antennas and Propagation, EuCAP 2012. 2012. s. 181-184. 6206577 <https://doi.org/10.1109/EuCAP.2012.6206577>

Aubert H, Chebila F, Jatlaoui M, Thai T, Hallil H, Traille A et al. **Wireless sensing and identification of passive electromagnetic sensors based on millimetre-wave FMCW RADAR.** julkaisussa 2012 IEEE International Conference on RFID-Technologies and Applications, RFID-TA 2012. 2012. s. 398-403. 6404554 <https://doi.org/10.1109/RFID-TA.2012.6404554>

Lakafosis V, Vyas R, Mukala V, Traille A, Tentzeris MM. **Wireless sensor network nodes for RTLS, biomonitoring, and authentication applications.** julkaisussa Proceedings of 6th European Conference on Antennas and Propagation, EuCAP 2012. 2012. s. 62-63. 6206655 <https://doi.org/10.1109/EuCAP.2012.6206655>

Yi X, Cho C, Fang CH, Cooper J, Lakafosis V, Vyas R et al. **Wireless strain and crack sensing using a folded patch antenna.** julkaisussa Proceedings of 6th European Conference on Antennas and Propagation, EuCAP 2012. 2012. s. 1678-1681. 6206690 <https://doi.org/10.1109/EuCAP.2012.6206690>