

Klock ACT, Gasparini I, Pimenta MS, Hamari J. 2020. Tailored gamification: A review of literature. *International Journal of Human Computer Studies*. 144. <https://doi.org/10.1016/j.ijhcs.2020.102495>

Legaki NZ, Xi N, Hamari J, Karpouzis K, Assimakopoulos V. 2020. The effect of challenge-based gamification on learning: An experiment in the context of statistics education. *International Journal of Human Computer Studies*. 144. <https://doi.org/10.1016/j.ijhcs.2020.102496>

Lemmetti A, Viitanen M, Mercat A, Vanne J. 2020. Kvazaar 2.0: Fast and efficient open-source HEVC inter encoder. *teoksessa MMSys 2020 - Proceedings of the 2020 Multimedia Systems Conference*. ACM. Sivut 237-242. <https://doi.org/10.1145/3339825.3394927>

Tavakoli HR, Borji A, Kannala J, Rahtu E. 2020. Deep audio-visual saliency: Baseline model and data. Spencer SN, Toimittaja. *teoksessa Proceedings ETRA 2020 Short Papers - ACM Symposium on Eye Tracking Research and Applications, ETRA 2020*. ACM. <https://doi.org/10.1145/3379156.3391337>

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

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

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

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

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

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

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

Korkeila H, Hamari J. 2020. Avatar capital: The relationships between player orientation and their avatar's social, symbolic, economic and cultural capital. *Computers in Human Behavior*. 102:14-21. <https://doi.org/10.1016/j.chb.2019.07.036>

Mehmood A, He H, Chen X, Vianto A, Vianto V, Buruk OO, Virkki J. 2020. ClothFace: A Passive RFID-Based Human-Technology Interface on a Shirtsleeve. *Advances in Human-Computer Interaction*. 2020. <https://doi.org/10.1155/2020/8854042>

Jylhä H, Hamari J. 2020. Development of measurement instrument for visual qualities of graphical user interface elements (VISQUAL): a test in the context of mobile game icons. *User Modeling and User-Adapted Interaction*. <https://doi.org/10.1007/s11257-020-09263-7>

Macey J, Tyrväinen V, Pirkkalainen H, Hamari J. 2020. Does esports spectating influence game consumption?. Behaviour and Information Technology. <https://doi.org/10.1080/0144929X.2020.1797876>

Olshannikova E, Olsson T, Huhtamäki J, Paasovaara S, Kärkkäinen H. 2020. From Chance to Serendipity: Knowledge Workers' Experiences of Serendipitous Social Encounters. Advances in Human-Computer Interaction. 2020. <https://doi.org/10.1155/2020/1827107>

Lauri M, Pajarinen J, Peters J, Frintrop S. 2020. Multi-sensor next-best-view planning as matroid-constrained submodular maximization. IEEE Robotics and Automation Letters. 5(4):5323-5330. <https://doi.org/10.1109/LRA.2020.3007445>

Pajarinen J, Arenz O, Peters J, Neumann G. 2020. Probabilistic approach to physical object disentangling. IEEE Robotics and Automation Letters. 5(4):5510-5517. <https://doi.org/10.1109/LRA.2020.3006789>

Holm J, Väänänen K, Battah A. 2020. User experience of stereo and spatial audio in 360° live music videos. teoksessa AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere. ACM. Sivut 134-141. <https://doi.org/10.1145/3377290.3377291>

Koivunen S, Olsson T, Olshannikova E, Lindberg A. 2019. Understanding decision-making in recruitment: Opportunities and challenges for information technology. Proceedings of the ACM on Human-Computer Interaction. 3(GROUP). <https://doi.org/10.1145/3361123>

Burova A, Kelling C, Keskinen T, Hakulinen J, Kallioniemi P, Väätäjä H, Turunen M. 2019. Promoting local culture and enriching airport experiences through interactive storytelling. Jacucci G, Paterno F, Rohs M, Santoro C, Toimittajat. teoksessa MUM 2019 - 18th International Conference on Mobile and Ubiquitous Multimedia, Proceedings. Association for Computing Machinery. (ACM International Conference Proceeding Series). <https://doi.org/10.1145/3365610.3365640>

Jylhä H, Hamari J. 2019. An icon that everyone wants to click: How perceived aesthetic qualities predict app icon successfulness. International Journal of Human Computer Studies. 130:73-85. <https://doi.org/10.1016/j.ijhcs.2019.04.004>

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

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

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

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

Kaipainen K, Sairanen E, Lappalainen P. 2019. Understanding engagement in web-based Acceptance and Commitment Therapy interventions for parental burnout: Usage, dose-response and user experiences. Julkaisun esittämispaikka: ACBS World Conference, Dublin, Irlanti.

Altonen A, Viitanen M, Räsänen J, Mercat A, Vanne J. 2019. Public and open HEVC encoding service in the cloud. teoksessa Proceedings of the 10th ACM Multimedia Systems Conference, MMSys 2019. ACM. Sivut 300-303. <https://doi.org/10.1145/3304109.3323834>

- Mitchell R, Olsson T. 2019. Facilitating the first move: Exploring inspirational design patterns for aiding initiation of social encounters. Tellioglu H, Cech F, Toimittajat. teoksessa C&T 2019 - 9th International Conference on Communities and Technologies, Conference Proceedings. ACM. Sivut 283-294. <https://doi.org/10.1145/3328320.3328396>
- Ellman A, Tiainen T. 2019. Diffusion of innovation: Case of co-design of cabins in mobile work machine industry. *Computers*. 8(2). <https://doi.org/10.3390/computers8020039>
- Ponomarenko M, Miroshnichenko O, Lukin V, Egiazarian K. 2019. Additional lossless compression of JPEG images based on BPG. teoksessa *Image Processing: Algorithms and Systems XVII. (IS and T International Symposium on Electronic Imaging Science and Technology)*. <https://doi.org/10.2352/ISSN.2470-1173.2019.11.IPAS-263>
- Ieremeiev O, Lukin V, Ponomarenko N, Egiazarian K. 2019. Combined no-reference IQA metric and its performance analysis. teoksessa *Image Processing: Algorithms and Systems XVII. (IS and T International Symposium on Electronic Imaging Science and Technology)*. <https://doi.org/10.2352/ISSN.2470-1173.2019.11.IPAS-260>
- Ponomarenko M, Katkovnik V, Egiazarian K. 2019. Phase masks optimization for broadband diffractive imaging. teoksessa *Image Processing: Algorithms and Systems XVII. (IS and T International Symposium on Electronic Imaging Science and Technology)*. <https://doi.org/10.2352/ISSN.2470-1173.2019.11.IPAS-258>
- Akpinar U, Sahin E, Suominen O, Gotchev A. 2019. Thin form-factor super multiview head-up display system. teoksessa *Stereoscopic Displays and Applications XXX. (IS&T International Symposium on Electronic Imaging)*. <https://doi.org/10.2352/ISSN.2470-1173.2019.3.SDA-631>
- Begishev VO, Sopin ES, Molchanov DA, Samouylov AK, Gaidamaka YV, Samouylov KE. 2019. Performance evaluation of bandwidth reservation for mmWave 5G NR systems. *Informatsionno-Upravliaiushchie Sistemy*. (5):51-63. <https://doi.org/10.31799/1684-8853-2019-5-51-63>
- Soltani A, Lahti J, Järvelä K, Laurikka J, Kuokkala VT, Hokka M. 2019. Characterization of the anisotropic deformation of the right ventricle during open heart surgery. *COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING*. <https://doi.org/10.1080/10255842.2019.1703133>
- Tavella F, Giaretta A, Dooley-Cullinane TM, Conti M, Coffey L, Balasubramaniam S. 2019. DNA Molecular Storage System: Transferring Digitally Encoded Information through Bacterial Nanonetworks. *IEEE Transactions on Emerging Topics in Computing*. <https://doi.org/10.1109/TETC.2019.2932685>
- Luoto A. 2019. Log analysis of 360-degree video users via MQTT. teoksessa *ICGDA 2019: Proceedings of the 2019 2nd International Conference on Geoinformatics and Data Analysis*. ACM. Sivut 130-137. <https://doi.org/10.1145/3318236.3318248>
- Rubio Hernandez R, Pérez-Guembe E. 2019. Mille-Oeille: An architectural response to zoos' obsolescence in post-anthropocentric times. Del Signore M, Diniz N, Toimittajat. teoksessa *DATA & DESIGN: Methods of Computational Design Strategies*. Routledge.
- Angleraud A, Houbre Q, Pieters R. 2019. Teaching semantics and skills for human-robot collaboration. *Paladyn*. 10(1):318-329. <https://doi.org/10.1515/pjbr-2019-0025>
- Hamari J, Malik A, Koski J, Johri A. 2019. Uses and Gratifications of Pokémon Go: Why do People Play Mobile Location-Based Augmented Reality Games?. *International Journal of Human-Computer Interaction*. 35(9). <https://doi.org/10.1080/10447318.2018.1497115>
- Suominen A, Jussila J. 2018. Collaborative Writing and Knowledge Creation in a Social Media Online Community. Visvizi A, Lytras MD, Daniela L, Toimittajat. teoksessa *The Future of Innovation and Technology in Education: Policies and Practices for Teaching and Learning Excellence (Emerald Studies in Higher Education, Innovation and Technology)*. Emerald Group Publishing Ltd. Sivut 95-109.

- Angleraud A, Houbre Q, Kyrki V, Pieters R. 2018. Human-robot interactive learning architecture using ontologies and symbol manipulation. teoksessa RO-MAN 2018 - 27th IEEE International Symposium on Robot and Human Interactive Communication: August 27-31, 2018, Nanjing, China.. IEEE. Sivut 384-389. (IEEE RO-MAN). <https://doi.org/10.1109/ROMAN.2018.8525580>
- Varsaluoma J, Väättäjä H, Heimonen T, Tiitinen K, Hakulinen J, Turunen M, Nieminen H. 2018. Guidelines for development and evaluation of usage data analytics tools for human-machine interactions with industrial manufacturing systems. teoksessa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. Sivut 172-181. <https://doi.org/10.1145/3275116.3275138>
- Kelling C, Karhu J, Kauhanen O, Turunen M, Väättäjä H, Lindqvist V. 2018. Implications of audio and narration in the user experience design of virtual reality. teoksessa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. Sivut 258-261. <https://doi.org/10.1145/3275116.3275153>
- Ratia M, Myllärniemi J, Helander N. 2018. Robotic process automation - Creating value by digitalizing work in the private healthcare?. teoksessa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. Sivut 222-227. <https://doi.org/10.1145/3275116.3275129>
- Luoto A. 2018. Systematic literature review on user logging in virtual reality. teoksessa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. Sivut 110-117. <https://doi.org/10.1145/3275116.3275123>
- Burova A, Kelling C, Hakulinen J, Kallioniemi P, Keskinen T, Turunen M, Väättäjä H. 2018. The Finnish you – An interactive storytelling application for an airport environment. teoksessa Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference. ACM. Sivut 182-191. <https://doi.org/10.1145/3275116.3275142>
- Salminen K, Rantala J, Isokoski P, Lehtonen M, Müller P, Karjalainen M, Väliäho J, Kontunen A, Nieminen V, Leivo J, Telembeci AA, Lekkala J, Kallio P, Surakka V. 2018. Olfactory display prototype for presenting and sensing authentic and synthetic odors. teoksessa ICMI 2018 - Proceedings of the 2018 International Conference on Multimodal Interaction. ACM. Sivut 73-77. <https://doi.org/10.1145/3242969.3242999>
- Mäkinen J, Sahin E, Gotchev A. 2018. Analysis of accommodation cues in holographic stereograms. teoksessa 2018 - 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018. IEEE. <https://doi.org/10.1109/3DTV.2018.8478586>
- Akpınar U, Sahin E, Gotchev A. 2018. Viewing simulation of integral imaging display based on wave optics. teoksessa 2018 - 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018. IEEE. <https://doi.org/10.1109/3DTV.2018.8478568>
- Obaid M, Kaipainen K, Ocnareescu I, Ahtinen A. 2018. Designing for experiences with socially interactive robots. teoksessa NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction. ACM. Sivut 948-951. <https://doi.org/10.1145/3240167.3240257>
- Aspling F, Juhlin O, Väättäjä H. 2018. Understanding animals: A critical challenge in ACI. teoksessa NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction. ACM. Sivut 148-160. <https://doi.org/10.1145/3240167.3240226>
- Meriläinen N, Pietilä I, Varsaluoma J. 2018. Digital services and youth participation in processes of social change: World Café workshops in Finland. Julkaisun esittämisaikaa: European Consortium for Political Research General Conference, Hamburg, Saksa.
- Sjöblom M, Hassan L, Macey J, Törhönen M, Hamari J. 2018. Liking the game: How can spectating motivations influence social media usage at live esports events?. teoksessa Proceedings of the 9th International Conference on Social Media and Society, SMSociety 2018. ACM. Sivut 160-167. <https://doi.org/10.1145/3217804.3217908>

- Merilampi S, Koivisto A, Virkki J. 2018. Activation game for older adults - Development and initial user experiences. teoksessa 2018 IEEE 6th International Conference on Serious Games and Applications for Health, SeGAH 2018. IEEE. Sivut 1-5. <https://doi.org/10.1109/SeGAH.2018.8401351>
- Sabuncuoğlu A, Erkaya M, Buruk OT, Göksun T. 2018. Code notes: Designing a low-cost tangible coding tool for/with children. teoksessa IDC 2018 - Proceedings of the 2018 ACM Conference on Interaction Design and Children. ACM. Sivut 644-649. <https://doi.org/10.1145/3202185.3210791>
- Heikkinen A, Pääkkönen P, Viitanen M, Vanne J, Riikonen T, Bakanoglu K. 2018. Fast and easy live video service setup using lightweight virtualization. teoksessa Proceedings of the 9th ACM Multimedia Systems Conference, MMSys 2018. ACM. Sivut 487-489. <https://doi.org/10.1145/3204949.3208112>
- Naik D, Curcio IDD, Toukoma H. 2018. Optimized viewport dependent streaming of stereoscopic omnidirectional video. teoksessa Proceedings of the 23th ACM Workshop on Packet Video, PV 2018. ACM. Sivut 37-42. <https://doi.org/10.1145/3210424.3210437>
- Erkaya M, Özcan O, Beşevli C, Buruk OT. 2018. Investigating the effects of legacy bias: User elicited gestures from the end users perspective. teoksessa DIS 2018 - Companion Publication of the 2018 Designing Interactive Systems Conference. ACM. Sivut 277-281. <https://doi.org/10.1145/3197391.3205449>
- Ylinen M, Pekkola S. 2018. Looking for a five-legged sheep: Identifying enterprise architects' skills and competencies. teoksessa Proceedings of the 19th Annual International Conference on Digital Government Research: Governance in the Data Age, DG.O 2018. ACM. <https://doi.org/10.1145/3209281.3209353>
- Suzumori K, Hyon SH, Semini C, Mattila J, Kanda T. 2018. Preface: Special Issue on 'New Hydraulic Components for Tough Robots'. *Advanced Robotics*. 32(9). <https://doi.org/10.1080/01691864.2018.1466427>
- Van Oosterhout A, Alonso MB, Jumisko-Pyykkö S. 2018. Ripple thermostat: Affecting the emotional experience through interactive force feedback and shape change. teoksessa Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems . ACM. <https://doi.org/10.1145/3173574.3174229>
- Jeyhani V, Mahdiani S, Viik J, Oksala N, Vehkaoja A. 2018. A novel technique for analysis of postural information with wearable devices. teoksessa 2018 IEEE 15th International Conference on Wearable and Implantable Body Sensor Networks, BSN 2018. IEEE. Sivut 30-33. <https://doi.org/10.1109/BSN.2018.8329651>
- Macey J, Hamari J. 2018. Investigating relationships between video gaming, spectating esports, and gambling. *Computers in Human Behavior*. 80:344-353. <https://doi.org/10.1016/j.chb.2017.11.027>
- Hilvert-Bruce Z, Neill JT, Sjöblom M, Hamari J. 2018. Social motivations of live-streaming viewer engagement on Twitch. *Computers in Human Behavior*. 84:58-67. <https://doi.org/10.1016/j.chb.2018.02.013>
- Lilja KK, Palomäki J. 2018. The use of advanced imaging technology in welfare technology solutions - Some ethical aspects. teoksessa 3DTV-CON 2017 - 3D True Vision v2: Research and Applications in Future 3D Media. IEEE. Sivut 1-4. <https://doi.org/10.1109/3DTV.2017.8280396>
- Ghaznavi-Youvalari R, Hannuksela MM, Aminlou A, Gabbouj M. 2018. Viewport-dependent delivery schemes for stereoscopic panoramic video. teoksessa 3DTV-CON 2017 - 3D True Vision v2: Research and Applications in Future 3D Media. IEEE. Sivut 1-4. <https://doi.org/10.1109/3DTV.2017.8280404>
- Ponomarenko M, Gapon N, Voronin V, Egiazarian K. 2018. Blind estimation of white Gaussian noise variance in highly textured images. teoksessa *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-382>

Voronin V, Semenishchev E, Ponomarenko M, Agaian S. 2018. Combined local and global image enhancement algorithm . teoksessa *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-220>

Miroshnichenko O, Ponomarenko M, Lukin V, Egiazarian K. 2018. Compression of signs of DCT coefficients for additional lossless compression of JPEG images. teoksessa *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-385>

Sahin E, Vagharshakyan S, Bregovic R, Lee G, Gotchev A. 2018. Conversion of sparsely-captured light field into alias-free fullparallax multiview content. teoksessa *Electronic Imaging: Stereoscopic Displays and Applications XXIX*. Society for Imaging Science and Technology. Sivut 1441-1445. <https://doi.org/10.2352/ISSN.2470-1173.2018.04.SDA-144>

Battisti F, Carli M, De Paola E, Egiazarian K. 2018. Deep p-Fibonacci scattering networks. teoksessa *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-193>

Roto V, Clemmensen T, Väättäjä H, Law ELC. 2018. Designing interactive systems for work engagement. *Human Technology*. 14(2):135-139. <https://doi.org/10.17011/ht/urn.201808103814>

Hamari J, Hassan L, Dias A. 2018. Gamification, quantified-self or social networking? Matching users' goals with motivational technology. *User Modeling and User-Adapted Interaction*. 28(1):35-74. <https://doi.org/10.1007/s11257-018-9200-2>

Ponomarenko M, Katkovnik V, Egiazarian K. 2018. Methods and tools for denoising of complex-valued images based on block-matching and high order singular value decomposition. teoksessa *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-306>

Rubio Hernandez R, Pérez-Guembe E. 2018. Mille-Oeille: Environmental Zoo. teoksessa *Time, Space, Existence*. GAA Foundation. Sivut 410-413.

Ieremeiev O, Lukin V, Ponomarenko N, Egiazarian K. 2018. Robust linearized combined metrics of image visual quality. teoksessa *Electronic Imaging: Image Processing: Algorithms and Systems XVI*. Society for Imaging Science and Technology. <https://doi.org/10.2352/ISSN.2470-1173.2018.13.IPAS-260>

Roto V, Clemmensen T, Väättäjä H, Law ELC, Toimittaja. 2018. Special Issue on Designing Interactive Systems for Work Engagement. *Human Technology*. 14(2):135-257.

Morschheuser B, Riar M, Hamari J, Maedche A. 2017. How games induce cooperation? A study on the relationship between game features and we-intentions in an augmented reality game. *Computers in Human Behavior*. 77:169-183. <https://doi.org/10.1016/j.chb.2017.08.026>

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

Curcio IDD, Toukoma H, Naik D. 2017. Bandwidth reduction of omnidirectional viewport-dependent video streaming via subjective quality assessment. teoksessa *AltMM 2017 - Proceedings of the 2nd International Workshop on Multimedia Alternate Realities, co-located with MM 2017*. ACM. Sivut 9-14. <https://doi.org/10.1145/3132361.3132364>

Morschheuser B, Hamari J, Koivisto J, Maedche A. 2017. Gamified crowdsourcing: Conceptualization, literature review, and future agenda. *International Journal of Human-Computer Studies*. 106:26-43. <https://doi.org/10.1016/j.ijhcs.2017.04.005>

Sjöblom M, Törhönen M, Hamari J, Macey J. 2017. Content structure is king: An empirical study on gratifications, game genres and content type on Twitch. *Computers in Human Behavior*. 73:161-171. <https://doi.org/10.1016/j.chb.2017.03.036>

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

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

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

Multisilta J, Niemi H, Hamilton E. 2017. Children designing videos: Tools, pedagogical models, and best practices for digital storytelling and media-making in the classroom. teoksessa IDC 2017 - Proceedings of the 2017 ACM Conference on Interaction Design and Children. ACM. Sivut 693-696. <https://doi.org/10.1145/3078072.3091982>

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

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

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

Hamari J. 2017. Do badges increase user activity? A field experiment on the effects of gamification. *Computers in Human Behavior*. 71:469-478. <https://doi.org/10.1016/j.chb.2015.03.036>

Hamari J, Keronen L. 2017. Why do people buy virtual goods: A meta-analysis. *Computers in Human Behavior*. 71:59-69. <https://doi.org/10.1016/j.chb.2017.01.042>

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

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

Ninaus M, Kiili K, McMullen J, Moeller K. 2017. Assessing fraction knowledge by a digital game. *Computers in Human Behavior*. 70:197-206. <https://doi.org/10.1016/j.chb.2017.01.004>

Salo K, Zinin V, Bauters M, Mikkonen T. 2017. Modular audio story platform for museums. teoksessa IUI 2017 - Companion of the 22nd International Conference on Intelligent User Interfaces. ACM. Sivut 113-116. <https://doi.org/10.1145/3030024.3040975>

Chaudhary S, Berki E, Nykänen P, Zolotavkin Y, Helenius M, Kela J. 2017. Towards a conceptual framework for privacy protection in the use of interactive 360° video surveillance. teoksessa 2016 22nd International Conference on Virtual System & Multimedia (VSMM). IEEE. <https://doi.org/10.1109/VSM2016.7863179>

Egiazarian K, Danielyan A, Ponomarenko N, Foia A, Ieremeiev O, Lukin V. 2017. BM3D-HVS: Content-Adaptive denoising for improved visual quality. teoksessa Image Processing: Algorithms and Systems XV. Sivut 48-55. (Electronic Imaging). <https://doi.org/10.2352/ISSN.2470-1173.2017.13.DPMI-083>

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

Ieremeiev O, Lukin V, Ponomarenko N, Egiazarian K. 2017. Full-reference metrics multidistortional analysis. teoksessa Image Processing: Algorithms and Systems XV. Sivut 27-35. (Electronic Imaging). <https://doi.org/10.2352/ISSN.2470-1173.2017.13.IPAS-202>

Jalonen H, Jussila J. 2016. The nexus between social media behaviour, negative consumer emotions and brand disloyalty . Julkaisun esittämispaikka: 12th European Conference on Management Leadership and Governance, Bucharest, Romania.

Jussila J, Helander N, Lehtonen T, Kallio J, Sillanpää V. 2016. Can e-government solutions enhance the work in municipalities?: empirical evidence from case lupapiste. teoksessa AcademicMindtrek '16: Proceedings of the 20th International Academic Mindtrek Conference: Oct. 17th-19th, 2016. ACM. Sivut 20-25. <https://doi.org/10.1145/2994310.2994357>

Rakkolainen I, Raisamo R, Turk M, Höllerer T, Palovuori K. 2016. Casual immersive viewing with smartphones. teoksessa AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference. ACM. Sivut 449-452. <https://doi.org/10.1145/2994310.2994314>

Hokkanen L, Xu Y, Väänänen K. 2016. Focusing on user experience and business models in startups: Investigation of two-dimensional value creation. teoksessa AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference. ACM. Sivut 59-67. <https://doi.org/10.1145/2994310.2994371>

Hildén E, Väättäjä H, Roto V, Uusitalo K. 2016. Participatory development of user experience design guidelines for a B2B company. teoksessa AcademicMindtrek '16 Proceedings of the 20th International Academic Mindtrek Conference . ACM. Sivut 49-58. <https://doi.org/10.1145/2994310.2994355>

Mattila A-L, Ihantola P, Kilamo T, Luoto A, Nurminen M, Väättäjä H. 2016. Software visualization today - Systematic literature review. teoksessa AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference. ACM. Sivut 262-271. <https://doi.org/10.1145/2994310.2994327>

Jumisko-Pyykkö S, Pesonen E, Väättäjä H. 2016. Temporal dimensions of affect in user experience of digital news in the field. teoksessa AcademicMindtrek 2016 - Proceedings of the 20th International Academic Mindtrek Conference. ACM. Sivut 192-197. <https://doi.org/10.1145/2994310.2994370>

Vuori V, Jussila J. 2016. The 5C categorization of social media tools. teoksessa Proceedings of the 20th International Academic Mindtrek Conference: Oct. 17th-19th, 2016, Tampere, Finland. ACM. Sivut 26-33. <https://doi.org/10.1145/2994310.2994367>

Viehrig M, Tuukkanen S, Kallio P. 2016. Challenges and capabilities of conductive polymeric materials for electromechanical stimulation of stem cells: A case study. teoksessa 2016 International Conference on Manipulation, Automation and Robotics at Small Scales, MARSS 2016. Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/MARSS.2016.7561744>



- Jokela T, Rezaei PP, Väänänen K. 2016. Using elicitation studies to generate collocated interaction methods. teoksessa Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct, MobileHCI 2016. ACM. Sivut 1129-1133. <https://doi.org/10.1145/2957265.2962654>
- Zare A, Kovacs PT, Aminlou A, Hannuksela MM, Gotchev A. 2016. Decoding complexity reduction in projection-based light-field 3D displays using self-contained HEVC tiles. teoksessa 2016 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2016. IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/3DTV.2016.7548965>
- Helin P, Astola P, Rao B, Tabus I. 2016. Sparse modelling and predictive coding of subaperture images for lossless plenoptic image compression. teoksessa 2016 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2016. IEEE COMPUTER SOCIETY PRESS. <https://doi.org/10.1109/3DTV.2016.7548953>
- Ahti V, Hyrynsalmi S, Nevalainen O. 2016. An evaluation framework for cross-platform mobile app development tools: A case analysis of adobe PhoneGap framework. teoksessa Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings. Association for Computing Machinery. Sivut 41-48. <https://doi.org/10.1145/2983468.2983484>
- Hosseinzadeh S, Rauti S, Laurén S, Mäkelä JM, Holvitie J, Hyrynsalmi S, Leppänen V. 2016. A survey on aims and environments of diversification and obfuscation in software security. teoksessa Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings. Association for Computing Machinery. Sivut 113-120. <https://doi.org/10.1145/2983468.2983479>
- Venesvirta H, Surakka V, Gizatdinova Y, Lylykangas J, Špakov O, Verho J, Vetek A, Lekkala J. 2016. Emotional Reactions to Point-Light Display Animations. Interacting with Computers. 28(4):521-531. <https://doi.org/10.1093/iwc/iwv028>
- Ruohonen J, Hyrynsalmi S, Leppänen V. 2016. Exploring the use of deprecated PHP releases in the wild internet: Still a LAMP issue?. teoksessa 6th International Conference on Web Intelligence, Mining and Semantics, WIMS 2016. Association for Computing Machinery. <https://doi.org/10.1145/2912845.2912851>
- Partala T, Kujala S. 2016. Exploring the role of ten universal values in using products and services. Interacting with Computers. 28(3):311-331. <https://doi.org/10.1093/iwc/iwv007>
- Ometov A, Masek P, Malina L, Florea R, Hosek J, Andreev S, Hajny J, Niutanen J, Koucheryavy Y. 2016. Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices. teoksessa IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016. IEEE. <https://doi.org/10.1109/PERCOMW.2016.7457161>
- Helenius M, Kettunen P, Frank L. 2016. Learnings from the Finnish game industry. teoksessa Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016. ACM. <https://doi.org/10.1145/3022636.3022648>
- Rauhamaäki J. 2016. Patterns for safety system bus architecture. teoksessa Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016. ACM. <https://doi.org/10.1145/3022636.3022640>
- Leppänen M, Hokkanen L. 2016. Patterns for subsidiaries as innovation tools. teoksessa Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016. ACM. <https://doi.org/10.1145/3022636.3022643>
- Jarusriboonchai P, Malapaschas A, Olsson T, Väänänen K. 2016. Increasing collocated people's awareness of the mobile user's activities: A field trial of social displays. teoksessa CSCW '16 - Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing . ACM. Sivut 1691-1702. <https://doi.org/10.1145/2818048.2819990>

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

Iosifidis A, Tefas A, Pitas I. 2016. Graph Embedded Extreme Learning Machine. IEEE Transactions on Cybernetics. 46(1):311 - 324. <https://doi.org/10.1109/TCYB.2015.2401973>

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

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

Kaasinen E, Roto V, Hakulinen J, Heimonen T, Jokinen JPP, Karvonen H, Keskinen T, Koskinen H, Lu Y, Saariluoma P, Tokkonen H, Turunen M. 2015. Defining user experience goals to guide the design of industrial systems. Behaviour and Information Technology. 34(10):976-991. <https://doi.org/10.1080/0144929X.2015.1035335>

Aramo-Immonen H, Jussila J, Huhtamäki J. 2015. Exploring co-learning behavior of conference participants with visual network analysis of Twitter data. Computers in Human Behavior. 51(Part B):1154–1162. <https://doi.org/10.1016/j.chb.2015.02.033>

Luhtala M, Karvonen T, Pylväs J, Ala-Kokko A, Magica R, Takeda Y, Turunen M. 2015. Antroposeeni - A mixed reality game. teoksessa ACADEMICMINDTREK 2015 - Proceedings of the 19th International Academic Mindtrek Conference. Association for Computing Machinery, Inc. Sivut 211-213. <https://doi.org/10.1145/2818187.2818287>

Nummenmaa T, Kultima A, Kankainen V, Savolainen S, Syvänen A, Alha K, Mäyrä F. 2015. OASIS deck of cards - House of colleagues: A playful. teoksessa ACADEMICMINDTREK 2015 - Proceedings of the 19th International Academic Mindtrek Conference. Association for Computing Machinery, Inc. Sivut 2-9. <https://doi.org/10.1145/2818187.2818296>

Hamari J, Koivisto J. 2015. "Working out for likes": An empirical study on social influence in exercise gamification. Computers in Human Behavior. 50:333-347. <https://doi.org/10.1016/j.chb.2015.04.018>

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

Nukarinen T, Rantala J, Farooq A, Raisamo R. 2015. Delivering directional haptic cues through eyeglasses and a seat. teoksessa IEEE World Haptics Conference, WHC 2015. Institute of Electrical and Electronics Engineers Inc. Sivut 345-350. <https://doi.org/10.1109/WHC.2015.7177736>

Spakov O, Rantala J, Isokoski P. 2015. Sequential and simultaneous tactile stimulation with multiple actuators on head, neck and back for gaze cuing. teoksessa IEEE World Haptics Conference, WHC 2015. Institute of Electrical and Electronics Engineers Inc. Sivut 333-338. <https://doi.org/10.1109/WHC.2015.7177734>

Partala T, Saari T. 2015. Understanding the most influential user experiences in successful and unsuccessful technology adoptions. Computers in Human Behavior. 53:381-395. <https://doi.org/10.1016/j.chb.2015.07.012>

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

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

Aytekin C, Rezaeitabar Y, Dogru S, Ulusoy I. 2015. Railway fastener inspection by real-time machine vision. IEEE Transactions on Systems, Man, and Cybernetics: Systems. 45(7):1101-1107. <https://doi.org/10.1109/TSMC.2014.2388435>

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

Akkil D, Kangas J, Rantala J, Isokoski P, Špakov O, Raisamo R. 2015. Glance awareness and gaze interaction in smartwatches. teoksessa CHI 2015 - Extended Abstracts Publication of the 33rd Annual CHI Conference on Human Factors in Computing Systems: Crossings. Association for Computing Machinery. Sivut 1271-1276. <https://doi.org/10.1145/2702613.2732816>

Andolina S, Klouche K, Peltonen J, Hoque M, Ruotsalo T, Cabral D, Klami A, Głowacka D, Floréen P, Jacucci G. 2015. Intentstreams: Smart parallel search streams for branching exploratory search. teoksessa IUI 2015 - Proceedings of the 20th ACM International Conference on Intelligent User Interfaces. Association for Computing Machinery. Sivut 300-305. <https://doi.org/10.1145/2678025.2701401>

Aflaki P, Hannuksela MM, Gabbouj M. 2015. Adaptive spatial resolution selection for stereoscopic video compression with MV-HEVC: A frequency based approach. teoksessa 2014 IEEE International Symposium on Multimedia, ISM 2014, 10-12 Dec. 2014, Taichung. The Institute of Electrical and Electronics Engineers, Inc. Sivut 267-270. <https://doi.org/10.1109/ISM.2014.11>

Cricri F, Mate S, Curcio IDD, Gabbouj M. 2015. Salient event detection in basketball mobile videos. teoksessa Proceedings - 2014 IEEE International Symposium on Multimedia, ISM 2014. The Institute of Electrical and Electronics Engineers, Inc. Sivut 63-70. <https://doi.org/10.1109/ISM.2014.67>

Mademlis I, Iosifidis A, Tefas A, Nikolaidis N, Pitas I. 2015. Stereoscopic video description for human action recognition. teoksessa IEEE SSCI 2014 - 2014 IEEE Symposium Series on Computational Intelligence - CIMSIVP 2014: 2014 IEEE Symposium on Computational Intelligence for Multimedia, Signal and Vision Processing, Proceedings. The Institute of Electrical and Electronics Engineers, Inc. <https://doi.org/10.1109/CIMSIVP.2014.7013263>

Stoffregen J, Pawlowski JM, Pirkkalainen H. 2015. A Barrier framework for open e-learning in public administrations. Computers in Human Behavior. 51(B):674-684. <https://doi.org/10.1016/j.chb.2014.12.024>

Väätäjä H, Heimonen T, Tiitinen K, Hakulinen J, Turunen M. 2015. Benefits for supplier and customer with the help of logged usage data. teoksessa User Experience and Usability in Complex Systems - UXUS: FIMECC Publications Series No. 8, 2010-2015. Sivut 110-112. (FIMECC Publication series).

Väätäjä H. 2015. Characterizing Context of Use in Mobile Work. teoksessa Proceedings of Human Work Interaction Design HWID, IFIP TC 13.6 working group. University of West London.

AbuJarour S, Pirkkalainen H, Pawlowski J, Bick M, Bagucanskyte M, Frankenberg A, Hudak R, Makropoulos C, Pappa D, Pitsilis V, Tannhauser AC, Trepule E, Vidalis A, Volungeviciene A. 2015. Design principles for collaboration platforms for open education. teoksessa CSEDU 2015 - 7th International Conference on Computer Supported Education, Proceedings. SCITEPRESS. Sivut 349-359.

Sharmin S, Špakov O, Rähä KJ. 2015. Dynamic text presentation in print interpreting - An eye movement study of reading behaviour. International Journal of Human-Computer Studies. 78:17-30. <https://doi.org/10.1016/j.ijhcs.2015.01.010>

Varsaluoma J, Väättäjä H, Kaasinen E, Karvonen H, Lu Y. 2015. Getting started with the experience design process. teoksessa User Experience and Usability in Complex Systems - UXUS: FIMECC Publications Series No. 8, 2010-2015. Sivut 125-127. (FIMECC Publication series).

Väättäjä H, Haggrén J. 2015. Increasing user and customer understanding through rapid ethnography in emerging markets . teoksessa User Experience and Usability in Complex Systems - UXUS: FIMECC Publications Series No. 8, 2010-2015. Sivut 99-101. (FIMECC Publication series).

Väättäjä H. 2015. Perceived Impacts as User Experience Components in Mobile News Making with Smartphones. Lumsden J, Toimittaja. teoksessa Emerging Perspectives on the Design, Use, and Evaluation of Mobile and Handheld Devices. IGI Global. Sivut 218-238. <https://doi.org/10.4018/978-1-4666-8583-3>

Heinimäki TJ, Elomaa T. 2015. Quality measures for improving technology trees. International Journal of Computer Games Technology. 2015. <https://doi.org/10.1155/2015/975371>

Väättäjä H, Heimonen T, Tiitinen K, Hakulinen J, Turunen M. 2015. Supplier's Expectations on Usage Data Analytics of Complex Industrial Systems. Huizingh E, Conn S, Bitran I, Toimittajat. teoksessa ISPIIM Innovation Summit 2015. International Society for Professional Innovation Management ISPIIM.

Varsaluoma J, Väättäjä H, Kaasinen E, Karvonen H, Lu Y. 2015. The Fuzzy Front End of Experience Design: Eliciting and Communicating Experience Goals. teoksessa OzCHI '15 - Proceedings of the Annual Meeting of the Australian Special Interest Group for Computer Human Interaction . ACM. Sivut 324-332. <https://doi.org/10.1145/2838739.2838761>

Pesonen E, Jumisko-Pyykkö S, Väättäjä H. 2015. User Experience of Digital News: Two Semi-long Term Field Studies. teoksessa 14th International Conference on Mobile and Ubiquitous Multimedia (MUM 2015). ACM. Sivut 51-63 . <https://doi.org/10.1145/2836041.2836046>

Heimonen T, Tiitinen K, Turunen M, Keskinen T, Väättäjä H, Varsaluoma J, Jokinen J, Nieminen H. 2015. UX sensors - Understanding the UX of complex systems through usage analysis. teoksessa User Experience and Usability in Complex Systems - UXUS: FIMECC Publications Series No. 8, 2010-2015. Sivut 113-115. (FIMECC Publication series).

Lylykangas J, Heikkinen J, Surakka V, Raisamo R, Myllymaa K, Laitinen A. 2015. Vibrotactile Stimulation as an Instructor for Mimicry-Based Physical Exercise. Advances in Human Computer Interaction. <https://doi.org/10.1155/2015/953794>

Iosifidis A, Tefas A, Pitas I. 2014. Class-Specific Reference Discriminant Analysis With Application in Human Behavior Analysis. IEEE Transactions on Human-Machine Systems. 45(3):315-326. <https://doi.org/10.1109/THMS.2014.2379274>

Keskinen T, Hakulinen J, Turunen M, Heimonen T, Sand A, Paavilainen J, Parviainen J, Yrjänäinen S, Mäyrä F, Okkonen J, Raisamo R. 2014. Schoolchildren's user experiences on a physical exercise game utilizing lighting and audio. Entertainment Computing. 5(4):475-484. <https://doi.org/10.1016/j.entcom.2014.08.009>

Koski K, Ukkonen L, Sydanheimo L, Rahmat-Samii Y. 2014. Embroidered ground plane implementation for wearable UHF RFID patch tag antennas. teoksessa 2014 USNC-URSI Radio Science Meeting (Joint with AP-S Symposium), USNC-URSI 2014 - Proceedings. Institute of Electrical and Electronics Engineers Inc. Sivut 274. <https://doi.org/10.1109/USNC-URSI.2014.6955657>

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

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

Sharma S, Srivastava S, Sorathia K, Hakulinen J, Heimonen T, Turunen M, Rajput N. 2014. Body-touching: An embodied interaction technique for health information systems in developing regions. teoksessa MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services". Association for Computing Machinery, Inc. Sivut 49-56. <https://doi.org/10.1145/2676467.2676514>

Luhtala M, Heimonen T, Mäkelä V, Keskinen T, Turunen M, Saarinen S. 2014. DYNAMO sound engine - Exploring the aesthetics of dynamic sound interactions. teoksessa MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services". Association for Computing Machinery, Inc. Sivut 159-166. <https://doi.org/10.1145/2676467.2676522>

Franssila H, Okkonen J, Savolainen R. 2014. Email intensity, productivity and control in the knowledge worker's performance on the desktop. teoksessa MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services". Association for Computing Machinery, Inc. Sivut 19-22. <https://doi.org/10.1145/2676467.2676513>

Salmela JM, Thanisch P, Sotamaa O, Niemi T. 2014. Games and energy: Profiling power usage during play. teoksessa MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services". Association for Computing Machinery, Inc. Sivut 192-199. <https://doi.org/10.1145/2676467.2676488>

Nummenmaa T, Kultima A, Tyni H, Alha K. 2014. MurMur Moderators, the talking playful seats. teoksessa MINDTREK 2014 - Proceedings of the 18th International Academic MindTrek Conference: "Media Business, Management, Content and Services". Association for Computing Machinery, Inc. Sivut 231-237. <https://doi.org/10.1145/2676467.2676505>

Nukarinen T, Raisamo R, Farooq A, Evreinov G, Surakka V. 2014. Effects of directional haptic and non-speech audio cues in a cognitively demanding navigation task. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. Association for Computing Machinery, Inc. Sivut 61-64. <https://doi.org/10.1145/2639189.2639231>

Käki K, Špakov O, Majaranta P, Kangas J. 2014. Effects of haptic feedback on gaze based auto scrolling. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. Association for Computing Machinery, Inc. Sivut 947-950. <https://doi.org/10.1145/2639189.2670247>

Räihä KJ, Sharmin S. 2014. Gaze-contingent scrolling and reading patterns. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. Association for Computing Machinery, Inc. Sivut 65-68. <https://doi.org/10.1145/2639189.2639242>

Pirhonen A, Parviainen J, Tuuri K, Turunen M, Heimonen T. 2014. Human-technology choreographies: Re-thinking body, movement and space in interaction design. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. Association for Computing Machinery, Inc. Sivut 841-844. <https://doi.org/10.1145/2639189.2654843>

Övermark R, Isokoski P, Ovaska S. 2014. Seniors and text messaging on mobile touchscreen phones. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. Association for Computing Machinery, Inc. Sivut 967-970. <https://doi.org/10.1145/2639189.2670252>

Kaasinen E, Väättäjä H, Karvonen H, Lu Y. 2014. The fuzzy front end of experience design. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. New York, NY: ACM. Sivut 797-800. (Nordic conference on human-computer interaction). <https://doi.org/10.1145/2639189.2654829>

Kangas J, Akkil D, Rantala J, Isokoski P, Majaranta P, Raisamo R. 2014. Using gaze gestures with haptic feedback on glasses. teoksessa Proceedings of the NordiCHI 2014: The 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational. Association for Computing Machinery, Inc. Sivut 1047-1050. <https://doi.org/10.1145/2639189.2670272>

Raitoharju J, Zhang H, Ozan EC, Waris MA, Faisal M, Cao G, Roininen M, Ahmad I, Shetty R, Uhlmann S, Samiee K, Kiranyaz S, Gabbouj M. 2014. Tut MUVIS image retrieval system proposal for MSR-Bing challenge 2014. teoksessa IEEE International Conference on Multimedia and Expo, ICME 2014, Chengdu, China, July 14-18, 2014. Piscataway: Institute of Electrical and Electronics Engineers IEEE. Sivut 1-6. <https://doi.org/10.1109/ICMEW.2014.6890600>

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

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

Pirkkalainen H, Pawlowski JM. 2014. Global social knowledge management - Understanding barriers for global workers utilizing social software. Computers in Human Behavior. 30:637-647. <https://doi.org/10.1016/j.chb.2013.07.041>

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

Kekäläinen J, Arvola P, Kumpulainen S. 2014. Browsing patterns in retrieved documents. teoksessa Proceedings of the 5th Information Interaction in Context Symposium, IliX 2014. Association for Computing Machinery. Sivut 299-302. <https://doi.org/10.1145/2637002.2637047>

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

Koivisto J, Hamari J. 2014. Demographic differences in perceived benefits from gamification. Computers in Human Behavior. 35:179-188. <https://doi.org/10.1016/j.chb.2014.03.007>

Kangas J, Akkil D, Rantala J, Isokoski P, Majoranta P, Raisamo R. 2014. Gaze gestures and haptic feedback in mobile devices. teoksessa CHI 2014: One of a CHInd - Conference Proceedings, 32nd Annual ACM Conference on Human Factors in Computing Systems. Association for Computing Machinery. Sivut 435-438. <https://doi.org/10.1145/2556288.2557040>

Rantala J, Isokoski P, Kangas J, Raisamo R, Akkil D. 2014. Glasses with haptic feedback of gaze gestures. teoksessa CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems. Association for Computing Machinery. Sivut 1597-1602. <https://doi.org/10.1145/2559206.2581163>

Kangas J, Rantala J, Majoranta P, Isokoski P, Raisamo R. 2014. Haptic feedback to gaze events. teoksessa Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014. Association for Computing Machinery. Sivut 11-18. <https://doi.org/10.1145/2578153.2578154>

Ilves M, Gizatdinova Y, Surakka V, Vankka E. 2014. Head movement and facial expressions as game input. Entertainment Computing. 5(3):147-156. <https://doi.org/10.1016/j.entcom.2014.04.005>

Ruotsalo T, Peltonen J, Eugster MJA, Glowacka D, Reijonen A, Jacucci G, Myllymäki P, Kaski S. 2014. IntentRadar: Search user interface that anticipates user's search intents. teoksessa CHI EA 2014: One of a CHInd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems. Association for Computing Machinery. Sivut 455-458. <https://doi.org/10.1145/2559206.2574807>

Olsson T. 2014. Layers of user expectations of future technologies: An early framework. teoksessa CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems. Association for Computing Machinery. Sivut 1957-1962. <https://doi.org/10.1145/2559206.2581225>

Špakov O, Isokoski P, Majaranta P. 2014. Look and lean: Accurate head-assisted eye pointing. teoksessa Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014. Association for Computing Machinery. Sivut 35-42. <https://doi.org/10.1145/2578153.2578157>

Hamari J, Koivisto J. 2014. Measuring flow in gamification: Dispositional Flow Scale-2. Computers in Human Behavior. 40:133-143. <https://doi.org/10.1016/j.chb.2014.07.048>

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

Rantala J, Raisamo R. 2014. Preferences for touch gestures in audio-tactile communication. teoksessa IEEE Haptics Symposium 2014, HAPTICS 2014 - Proceedings. IEEE COMPUTER SOCIETY PRESS. Sivut 247-250. <https://doi.org/10.1109/HAPTICS.2014.6775462>

Špakov O, Gizatdinova Y. 2014. Real-time hidden gaze point correction. teoksessa Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014. Association for Computing Machinery. Sivut 291-294. <https://doi.org/10.1145/2578153.2578200>

Clawson J, Isokoski P, Brewster S, Oulasvirta A, Dunlop M, Vertanen K, Kristensson PO, Waller A. 2014. The usability of text entry systems now and in the future. teoksessa CHI EA 2014: One of a ChiNd - Extended Abstracts, 32nd Annual ACM Conference on Human Factors in Computing Systems. Association for Computing Machinery. Sivut 1139-1142. <https://doi.org/10.1145/2559206.2559217>

Oulasvirta A, Suomalainen T, Hamari J, Lampinen A, Karvonen K. 2014. Transparency of intentions decreases privacy concerns in ubiquitous surveillance. CYBERPSYCHOLOGY BEHAVIOR AND SOCIAL NETWORKING. 17(10). <https://doi.org/10.1089/cyber.2013.0585>

Akkil D, Isokoski P, Kangas J, Rantala J, Raisamo R. 2014. TraQuMe: A tool for measuring the gaze tracking quality. teoksessa Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014. Association for Computing Machinery. Sivut 327-330. <https://doi.org/10.1145/2578153.2578192>

Raisamo J, Raisamo R, Surakka V. 2013. Comparison of Saltation, Amplitude Modulation, and a Hybrid Method of Vibrotactile Stimulation. IEEE Transactions on Haptics. 6(4):517-521. <https://doi.org/10.1109/TOH.2013.25>

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

Ilves M, Surakka V. 2013. Subjective responses to synthesised speech with lexical emotional content: The effect of the naturalness of the synthetic voice. Behaviour and Information Technology. 32(2):117-131. <https://doi.org/10.1080/0144929X.2012.702285>

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

Kallioniemi P, Hakulinen J, Keskinen T, Turunen M, Heimonen T, Pihkala-Posti L, Uusi-Mäkelä M, Hietala P, Okkonen J, Raisamo R. 2013. Evaluating landmark attraction model in collaborative wayfinding in virtual learning environments. teoksessa Proceedings of the 12th International Conference on Mobile and Ubiquitous Multimedia, MUM 2013. <https://doi.org/10.1145/2541831.2541849>

Keskinen T, Hakulinen J, Heimonen T, Turunen M, Sharma S, Miettinen T, Luhtala M. 2013. Evaluating the experiential user experience of public display applications in the wild. teoksessa Proceedings of the 12th International Conference on Mobile and Ubiquitous Multimedia, MUM 2013. <https://doi.org/10.1145/2541831.2541840>

Cui Y, Kangas J, Holm J, Grassel G. 2013. Front-camera video recordings as emotion responses to mobile photos shared within close-knit groups. teoksessa CHI 2013: Changing Perspectives, Conference Proceedings - The 31st Annual CHI Conference on Human Factors in Computing Systems. Sivut 981-990. <https://doi.org/10.1145/2470654.2466125>

Fuccella V, Isokoski P, Martin B. 2013. Gestures and widgets: Performance in text editing on multi-touch capable mobile devices. teoksessa CHI 2013: Changing Perspectives, Conference Proceedings - The 31st Annual CHI Conference on Human Factors in Computing Systems. Sivut 2785-2794. <https://doi.org/10.1145/2470654.2481385>

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

Heikkilä R, Malaska M, Törmänen P, Keyack C. 2013. Integration of BIM and automation in high-rise building construction . teoksessa ISARC 2013 - 30th International Symposium on Automation and Robotics in Construction and Mining, Held in Conjunction with the 23rd World Mining Congress. Sivut 1171-1176.

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

Keskinen T, Melto A, Hakulinen J, Turunen M, Saarinen S, Pallos T, Kallioniemi P, Danielsson-Ojala R, Salanterä S. 2013. Mobile dictation for healthcare professionals. teoksessa Proceedings of the 12th International Conference on Mobile and Ubiquitous Multimedia, MUM 2013. <https://doi.org/10.1145/2541831.2541880>

Peltonen J, Lin Z. 2013. Multiplicative update for fast optimization of information retrieval based neighbor embedding. teoksessa 2013 IEEE International Workshop on Machine Learning for Signal Processing - Proceedings of MLSP 2013. <https://doi.org/10.1109/MLSP.2013.6661899>

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

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

Yang Z, Peltonen J, Kaski S. 2013. Scalable optimization of neighbor embedding for visualization. teoksessa 30th International Conference on Machine Learning, ICML 2013. PART 1 toim. International Machine Learning Society (IMLS). Sivut 786-794.

Heimonen T, Turunen M, Kangas S, Pallos T, Pekkala P, Saarinen S, Tiitinen K, Keskinen T, Luhtala M, Koskinen O, Okkonen J, Raisamo R. 2013. Seek'N'Share: A platform for location-based collaborative mobile learning. teoksessa Proceedings of the 12th International Conference on Mobile and Ubiquitous Multimedia, MUM 2013. <https://doi.org/10.1145/2541831.2541872>

Nanavati AA, Rajput N, Srivastava S, Erku C, Jylhä A, Rudnicky AI, Serafin S, Turunen M. 2013. SiMPE: 8th workshop on speech and sound in mobile and pervasive environments. teoksessa MobileHCI 2013 - Proceedings of the 15th International Conference on Human-Computer Interaction with Mobile Devices and Services. Sivut 626-629. <https://doi.org/10.1145/2493190.2499471>



Hamilton E, Multisilta J. 2013. The innovations in learning and education SAVI. teoksessa Computer-Supported Collaborative Learning Conference, CSCL. Sivut 511-512.

Rantala J, Salminen K, Raisamo R, Surakka V. 2013. Touch gestures in communicating emotional intention via vibrotactile stimulation. *International Journal of Human-Computer Studies*. 71(6):679-690. <https://doi.org/10.1016/j.ijhcs.2013.02.004>

Evreinova TV, Evreinov G, Raisamo R. 2013. Virtual sectioning and haptic exploration of volumetric shapes in the absence of visual feedback. *Advances in Human Computer Interaction*. 2013. <https://doi.org/10.1155/2013/740324>

Scheibel JB, Pierson C, Martin B, Godard N, Fucella V, Isokoski P. 2013. Virtual stick in caret positioning on touch screens. teoksessa IHM 2013 - Actes de la 25ieme Conference Francophone sur l'Interaction Homme-Machine. Sivut 107-114. <https://doi.org/10.1145/2534903.2534918>

Godard N, Pecci I, Isokoski P. 2013. WeSlide: Gestural text entry for elderly users of interactive television. teoksessa Proceedings of the 11th European Conference on Interactive TV and Video, EuroITV 2013. Sivut 55-58. <https://doi.org/10.1145/2465958.2465963>

Keskinen T, Heimonen T, Turunen M, Rajaniemi JP, Kauppinen S. 2012. SymbolChat: A flexible picture-based communication platform for users with intellectual disabilities. *Interacting with Computers*. 24(5):374-386. <https://doi.org/10.1016/j.intcom.2012.06.003>

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

Räihä KJ, Ovaska S. 2012. An exploratory study of eye typing fundamentals: Dwell time, text entry rate, errors, and workload. teoksessa Conference Proceedings - The 30th ACM Conference on Human Factors in Computing Systems, CHI 2012. Sivut 3001-3010. <https://doi.org/10.1145/2207676.2208711>

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

Špakov O. 2012. Comparison of eye movement filters used in HCI. teoksessa Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium. Sivut 281-284. <https://doi.org/10.1145/2168556.2168616>

Gizatdinova Y, Špakov O, Surakka V. 2012. Comparison of video-based pointing and selection techniques for hands-free text entry. teoksessa Proceedings of the Working Conference on Advanced Visual Interfaces, AVI 2012. Sivut 132-139. <https://doi.org/10.1145/2254556.2254582>

Martin B, Isokoski P, Karmann G, Rollinger T. 2012. Continuous Edgewrite: Dictionary-based disambiguation instead of explicit segmentation by the user. teoksessa Proceedings of the Working Conference on Advanced Visual Interfaces, AVI 2012. Sivut 357-364. <https://doi.org/10.1145/2254556.2254625>

Kristensson PO, Clawson J, Dunlop M, Isokoski P, Roark B, Vertanen K, Waller A, Wobbrock J. 2012. Designing and evaluating text entry methods. teoksessa Extended Abstracts - The 30th ACM Conference on Human Factors in Computing Systems, CHI 2012. Sivut 2747-2750. <https://doi.org/10.1145/2212776.2212711>

Peltonen J, Georgatzis K. 2012. Efficient optimization for data visualization as an information retrieval task. teoksessa 2012 IEEE International Workshop on Machine Learning for Signal Processing - Proceedings of MLSP 2012. <https://doi.org/10.1109/MLSP.2012.6349797>

Hyrskykari A, Istance H, Vickers S. 2012. Gaze gestures or dwell-based interaction?. teoksessa Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium. Sivut 229-232. <https://doi.org/10.1145/2168556.2168602>

Evreinova TV, Evreinov G, Raisamo R. 2012. Haptic visualization of bathymetric data. teoksessa Haptics Symposium 2012, HAPTICS 2012 - Proceedings. Sivut 359-364. <https://doi.org/10.1109/HAPTIC.2012.6183815>

Ilves M, Surakka V. 2012. Heart rate responses to synthesized affective spoken words. *Advances in Human Computer Interaction*. 2012. <https://doi.org/10.1155/2012/158487>

Väättäjä H, Vainio T, Sirkkunen E. 2012. Location-based crowdsourcing of hyperlocal news - Dimensions of participation preferences. teoksessa 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. Sivut 85-94. (ACM International Conference on Supporting Group Work). <https://doi.org/10.1145/2389176.2389189>

Kallioniemi P, Turunen M. 2012. Model for landmark highlighting in mobile web services. teoksessa Proceedings of the 11th International Conference on Mobile and Ubiquitous Multimedia, MUM 2012. <https://doi.org/10.1145/2406367.2406398>

Alam MH, Ha JW, Lee SK. 2012. Novel approaches to crawling important pages early. *Knowledge and Information Systems*. 33(3):707-734. <https://doi.org/10.1007/s10115-012-0535-4>

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

Heikkilä H, Rähä KJ. 2012. Simple gaze gestures and the closure of the eyes as an interaction technique. teoksessa Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium. Sivut 147-154. <https://doi.org/10.1145/2168556.2168579>

Salminen K, Surakka V, Lylykangas J, Rantala J, Ahmaniemi T, Raisamo R, Trendafilov D, Kildal J. 2012. Tactile modulation of emotional speech samples. *Advances in Human Computer Interaction*. 2012. <https://doi.org/10.1155/2012/741304>

Istance H, Vickers S, Hyrskykari A. 2012. The validity of using non-representative users in gaze communication research. teoksessa Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium. Sivut 233-236. <https://doi.org/10.1145/2168556.2168603>

Halonen A, Hyrynsalmi S, Kimppa KK, Knuutila T, Smed J, Hakonen H. 2012. Towards usability heuristics for games utilizing speech recognition. teoksessa 4th Asian Conference on Intelligent Games and Simulation, GAME-ON ASIA 2012 - 4th Asian Simulation Technology Conference, ASTEC 2012. EUROSIS. Sivut 51-55.

Evreinova TV, Evreinov G, Raisamo R. 2011. Integrating discrete events and continuous head movements for video-based interaction techniques. *Behaviour and Information Technology*. 30(6):739-746. <https://doi.org/10.1080/01449290903353013>

Smith C, Crook N, Dobnik S, Charlton D, Boye J, Pulman S, Santos de la Camara R, Turunen M, Benyon D, Bradley J, Gambäck B, Hansen P, Mival O, Webb N, Cavazza M. 2011. Interaction strategies for an affective conversational agent. *Presence: Teleoperators and Virtual Environments*. 20(5):395-411. [https://doi.org/10.1162/PRES\\_a\\_00063](https://doi.org/10.1162/PRES_a_00063)

Kallio KP, Mäyrä F, Kaipainen K. 2011. At least nine ways to play: Approaching gamer mentalities. *GAMES AND CULTURE: A JOURNAL OF INTERACTIVE MEDIA*. 6(4):327-353. <https://doi.org/10.1177/1555412010391089>

Turunen M, Hakulinen J, Ståhl O, Gambäck B, Hansen P, Rodríguez Gancedo MC, De La Cámara RS, Smith C, Charlton D, Cavazza M. 2011. Multimodal and mobile conversational Health and Fitness Companions. *Computer Speech and Language*. 25(2):192-209. <https://doi.org/10.1016/j.csl.2010.04.004>

Wilks Y, Catizone R, Worgan S, Turunen M. 2011. Some background on dialogue management and conversational speech for dialogue systems. *Computer Speech and Language*. 25(2):128-139. <https://doi.org/10.1016/j.csl.2010.03.001>

Špakov O. 2011. Comparison of gaze-to-objects mapping algorithms. teoksessa *Proceedings of the 1st Conference on Novel Gaze-Controlled Applications, NGCA'11*. <https://doi.org/10.1145/1983302.1983308>

Lylykangas J, Surakka V, Salminen K, Raisamo J, Laitinen P, Rönning K, Raisamo R. 2011. Designing tactile feedback for piezo buttons. teoksessa *CHI 2011 - 29th Annual CHI Conference on Human Factors in Computing Systems, Conference Proceedings and Extended Abstracts*. Sivut 3281-3284. <https://doi.org/10.1145/1978942.1979428>

Gizatdinova Y, Surakka V, Zhao G, Mäkinen E, Raisamo R. 2011. Facial expression classification based on local spatiotemporal edge and texture descriptors. teoksessa *Selected Papers from the Proceedings of the 7th International Conference on Methods and Techniques in Behavioral Research - Digital Edition, MB'10*. <https://doi.org/10.1145/1931344.1931365>

Hamari J, Eranti V. 2011. Framework for designing and evaluating game achievements. teoksessa *Proceedings of DiGRA 2011 Conference: Think Design Play*.

Evreinova TV, Evreinov G, Raisamo R. 2011. Interpretation of ambiguous images inspected by the StickGrip device. teoksessa *Proceedings of the IADIS International Conference Interfaces and Human Computer Interaction 2011, Part of the IADIS Multi Conference on Computer Science and Information Systems 2011, MCCSIS 2011*. Sivut 209-216.

Turunen M, Hella J, Miettinen T, Valkama P, Hakulinen J, Raisamo R. 2011. Multimodal multi-device program guide for smart conferences. teoksessa *Mobile HCI 2011 - 13th International Conference on Human-Computer Interaction with Mobile Devices and Services*. Sivut 679-682. <https://doi.org/10.1145/2037373.2037483>

Stenros J, Holopainen J, Waern A, Montola M, Ollila E. 2011. Narrative friction in Alternate Reality Games: Design insights from conspiracy for good. teoksessa *Proceedings of DiGRA 2011 Conference: Think Design Play*.

Toivonen S, Sotamaa O. 2011. Of discs, boxes and cartridges: The material life of digital games. teoksessa *Proceedings of DiGRA 2011 Conference: Think Design Play*.

Quinn P, Cockburn A, Rähä KJ, Delamarche J. 2011. On the costs of multiple trajectory pointing methods. teoksessa *CHI 2011 - 29th Annual CHI Conference on Human Factors in Computing Systems, Conference Proceedings and Extended Abstracts*. Sivut 859-862. <https://doi.org/10.1145/1978942.1979067>

Rantala J, Myllymaa K, Raisamo R, Lylykangas J, Surakka V, Shull P, Cutkosky M. 2011. Presenting spatial tactile messages with a hand-held device. teoksessa *2011 IEEE World Haptics Conference, WHC 2011*. Sivut 101-106. <https://doi.org/10.1109/WHC.2011.5945469>

Hakonen H, Hyrynsalmi S, Järvi A. 2011. Reducing the number of unit tests with design by contract. teoksessa *Computer Systems and Technologies - 12th International Conference, CompSysTech'11 - Proceedings*. Sivut 161-166. <https://doi.org/10.1145/2023607.2023635>

Nanavati AA, Rajput N, Rudnicky AI, Turunen M, Kun AI, Paek T, Tashev I. 2011. SiMPE: 6th Workshop on Speech in Mobile and Pervasive Environments. teoksessa *Mobile HCI 2011 - 13th International Conference on Human-Computer Interaction with Mobile Devices and Services*. Sivut 733-735. <https://doi.org/10.1145/2037373.2037500>

Holopainen J, Lucero A, Saarenpää H, Nummenmaa T, Ali AE, Jokela T. 2011. Social and privacy aspects of a system for collaborative public expression. teoksessa *Proceedings of the 8th International Conference on Advances in Computer Entertainment Technology, ACE 2011*. <https://doi.org/10.1145/2071423.2071452>

Hoggan E, Trendafilov D, Ahmaniemi T, Raisamo R. 2011. Squeeze vs. tilt: A comparative study using continuous tactile feedback. teoksessa CHI EA 2011 - 29th Annual CHI Conference on Human Factors in Computing Systems, Conference Proceedings and Extended Abstracts. Sivut 1309-1314. <https://doi.org/10.1145/1979742.1979766>

Stenros J, Montola M. 2011. The making of Nordic larp: Documenting a tradition of ephemeral co-creative play. teoksessa Proceedings of DiGRA 2011 Conference: Think Design Play.

Brewster S, Jones M, Murray-Smith R, Nanavati AA, Rajput N, Schmidt A, Turunen M. 2011. We need to talk: Rediscovering audio for universal access (A panel). teoksessa Mobile HCI 2011 - 13th International Conference on Human-Computer Interaction with Mobile Devices and Services. Sivut 715-716. <https://doi.org/10.1145/2037373.2037494>

Oftadeh R, Aref MM, Taghirad HD. 2010. Explicit dynamics formulation of Stewart-Gough platform: A Newton-Euler approach. teoksessa IEEE/RSJ 2010 International Conference on Intelligent Robots and Systems, IROS 2010 - Conference Proceedings. Sivut 2772-2777. <https://doi.org/10.1109/IROS.2010.5653157>

Oftadeh R, Aref MM, Taghirad HD. 2010. Forward kinematic analysis of a planar cable driven redundant parallel manipulator using force sensors. teoksessa IEEE/RSJ 2010 International Conference on Intelligent Robots and Systems, IROS 2010 - Conference Proceedings. Sivut 2295-2300. <https://doi.org/10.1109/IROS.2010.5649471>

Kumpulainen S, Järvelin K. 2010. Information interaction in molecular medicine: Integrated use of multiple channels. teoksessa IliX 2010 - Proceedings of the 2010 Information Interaction in Context Symposium. Sivut 95-104. <https://doi.org/10.1145/1840784.1840800>

Acimovic J. 2009. Neural networks, cell cultures and some older work on data analysis. Julkaisun esittämispaikka: Okinawa Computational Neuroscience Course 2009, Japani.

Jokela T, Väättäjä H, Koponen T. 2009. Mobile Journalist Toolkit: A field study on producing news articles with a mobile device. teoksessa MindTrek 2009 - 13th International Academic MindTrek Conference: Everyday Life in the Ubiquitous Era. Sivut 45-52. <https://doi.org/10.1145/1621841.1621851>

Byrne D, Doherty AR, Jones GJF, Smeaton AF, Kumpulainen S, Järvelin K. 2008. The SenseCam as a tool for task observation. teoksessa Proceedings of the 22nd British HCI Group Annual Conference on People and Computers: Culture, Creativity, Interaction, BCS HCI 2008. BRITISH COMPUTER SOCIETY. Sivut 19-22.

Mamykina L, Bardram JE, Korhonen I, Mynatt E, Pratt W. 2004. HCI and homecare: Connecting families and clinicians. teoksessa Conference on Human Factors in Computing Systems - Proceedings. Sivut 1715-1716. <https://doi.org/10.1145/985921.986197>