

IT engagement as a blessing and a curse? Examining its antecedents and outcomes in organizations

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Methods, Benefits, and Challenges

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Analog Mitigation of Frequency-Modulated Interference for Improved GNSS Reception

Communication Performance of a Real-Life Wide-Area Low-Power Network Based on Sigfox Technology

Joint OFDM Waveform Design for Communications and Sensing Convergence

Modeling and Mitigating 5G Wireless Downlink Interferences for Low-altitude Aerial vehicles

Multibeam Design for Joint Communication and Sensing in 5G New Radio Networks

Positioning Based on Noise-Limited Censored Path Loss Data

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Headband Antenna for Wireless Power Transfer to Millimeter-Sized Neural Implants with Minimal Misalignment Effects

Measurements of Reflection and Penetration Losses in Low Terahertz Band Vehicular Communications

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Modellings and Measurements Using an Analogue Model

A custom processor for protocol-independent packet parsing

Are SonarQube Rules Inducing Bugs?

A preliminary network analysis on steam game tags  
Another way of understanding game genres

Color game  
A collaborative social robotic game for icebreaking; Towards the design of robotic ambiances as part of smart building services

Demographic differences in accumulated types of capital in massively multiplayer online role-playing games

Innovation challenges as a novel multidisciplinary learning platform

Satisfaction and willingness to consume immersive journalism  
Experiment of differences between VR, 360 video, and article

Social human-robot interaction in the wild  
A workshop proposal for academic mindtrek 2020

"The superhero of the university"  
Experience-driven design and field study of the university guidance robot

Adoption of requirements engineering methods in game development  
A literature and postmortem analysis

Aerial Access and Backhaul in mmWave B5G Systems: Performance Dynamics and Optimization

Comparing capacity gains of static and UAV-based millimeter-wave relays in clustered deployments

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Energy-efficient modulation for Sub-THz systems

Distributed small loads as fast frequency reserves  
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Energy Efficiency Analysis of Collaborative Compressive Sensing Scheme in Cognitive Radio Networks

How the Cathedral Embraced the Bazaar, and the Bazaar Became a Cathedral

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IoT-CryptoDiet  
Implementing a lightweight cryptographic library based on ecdh and ecdsa for the development of secure and privacy-preserving protocols in contiki-ng

Passive RFID-based Textile Touchpad

Reinforcement learning for improved UAV-based integrated access and backhaul operation

The Internet of Bodies Needs a Human Data Model

UAV-Aided Interference Assessment for Private 5G NR Deployments  
Challenges and Solutions

User experience of stereo and spatial audio in 360° live music videos

Gamified coding  
Toy robots and playful learning in early education

Is it a tool or a toy? How user conceptions of a system's purpose affect their experience and use

Joint Sparse Recovery of Misaligned Multimodal Images via Adaptive Local and Nonlocal Cross-Modal Regularization

Optimized wake-up scheme with bounded delay for energy-efficient MTC

Prototyping directional UAV-based wireless access and backhaul systems

Understanding decision-making in recruitment  
Opportunities and challenges for information technology

Promoting local culture and enriching airport experiences through interactive storytelling

Programming languages for data-intensive HPC applications  
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Feasibility of FPGA accelerated IPsec on cloud

Closed-Loop DPD for Digital MIMO Transmitters under Antenna Crosstalk

V2X Connectivity  
From LTE to Joint Millimeter Wave Vehicular Communications and Radar Sensing

UAV-based gateways for wireless nanosensor networks deployed over large areas

Geometry-Based V2V Channel Modeling over Millimeter-Wave in Highway Scenarios

Implementation of 3GPP LTE Cat-M1 Technology in NS-3  
System Simulation and Performance

Multi-Radio Perspectives for Massive MTC Localization  
Energy Consumption and Utility

On Load-Aware Cell Association Schemes for Group User Mobility in mmWave Networks

Red Alert  
Break-Glass Protocol to Access Encrypted Medical Records in the Cloud

The Double Shadowed  $\kappa$ - $\mu$  Fading Model

An approval of MPPT based on pv cell's simplified equivalent circuit during fast-shading conditions

The Internet of Things and Sensor Networks

Game postmortems vs. developer Reddit AMAs  
Computational analysis of developer communication

Social features in hybrid board game marketing material

6K and 8K effective resolution with 4K HEVC decoding capability for 360 video streaming

Enabling cybersecurity incident reporting and coordinated handling for maritime sector

Low-complexity sequential information and energy reception

PAC it Up  
Towards pointer integrity using ARM pointer authentication

Physical layer security for dual-hop SWIPT-enabled CR networks

Real-time online drilling vibration analysis using data mining

High-performance SIMD implementation of the lattice-Boltzmann method on the Xeon Phi processor

Location-based beamforming architecture for efficient farming applications with drones

A perspective on wireless M-bus for smart electricity grids

Investigating human skin using deep learning enhanced multiphoton microscopy

MAST: Mask-accelerated shearlet transform for densely-sampled light field reconstruction

Nanoparticles in optical waveguides  
A toolbox to promote lasers, amplifiers and sensors

On the performance of narrow-band internet of things (NB-IoT) for delay-tolerant services

Persistent luminescent glasses prepared using the direct doping method

Portrait instance segmentation for mobile devices

Real-time measurements of ultrafast instabilities in nonlinear fiber optics  
Recent advances

Towards efficient nonlinear plasmonic metasurfaces

Acceptance and perceptions of interactive location-tracking displays

Facilitating the first move  
Exploring inspirational design patterns for aiding initiation of social encounters

Diffusion of innovation  
Case of co-design of cabins in mobile work machine industry

Energy Efficiency of Multi-Radio Massive Machine-Type Communication (MR-MMTC)  
Applications, Challenges, and Solutions

Face verification and recognition for digital forensics and information security

Future of Ultra-Dense Networks Beyond 5G  
Harnessing Heterogeneous Moving Cells

Impact of Different Concrete Types on Radio Propagation  
Fundamentals and Practical RF Measurements

Methods for long-term GNSS clock offset prediction

Pre-Grant Signaling for Energy-Efficient 5G and Beyond Mobile Devices  
Method and Analysis

Secure environmental monitoring for industrial internet of things  
From framework to live implementation

Socially inspired relaying and proactive mode selection in mmWave vehicular communications

Societal impact as Cost-Benefit Analysis  
Comparative analysis of two research infrastructures

Unmanned aerial system-assisted wilderness search and rescue mission

Opportunistic ambient backscatter communication in RF-Powered cognitive radio networks

Linearization of BJTs with logarithmic predistortion

OFDM radar with LTE waveform  
Processing and performance

Asterism  
Decentralized file sharing application for mobile devices

Artificial intelligence yesterday, today and tomorrow

Dense Moving Fog for Intelligent IoT  
Key Challenges and Opportunities

Error analysis of NOMA-based user cooperation with SWIPT

Full-Duplex Radio - Increasing the Spectral Efficiency for Military Applications

High-Accuracy Joint Position and Orientation Estimation in Sparse 5G mmWave Channel

Intelligent data service for farmers

Simultaneous Jamming and RC System Detection by Using Full-Duplex Radio Technology

Sweep Jamming Mitigation Using Adaptive Filtering for Detecting Frequency Agile Systems

Teaching for virtual work

A Semantic Meta-Model Repository for Lightweight M2M

Achievable ergodic capacity under  $f$  composite fading conditions

Achievable fixed rate capacity in emerging wireless systems (invited paper)

Automatic detection of water inside concrete slabs using ground penetrating radar

Exploiting Multipath Terahertz Communications for Physical Layer Security in beyond 5G Networks

On the physical layer security of a regenerative relay-based mixed RF/UOWC

On the secrecy analysis of dual-hop underlay multi-source CRNs with multi-eavesdroppers and a multi-antenna destination

Physical-layer security over generalized SIMO multipath fading channels

Superior selective reporting-based spectrum sensing in energy harvesting-aided HCRNs

Web of Things Semantic Functionality Distance

Sensing-throughput tradeoff for superior selective reporting-based spectrum sensing in energy harvesting HCRNs

Circularly Polarized Textile Tag Antenna for Wearable Passive UHF RFID Systems

Comparison of Human Head Phantoms with Different Complexities for Implantable Antenna Development

Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications

Charge Storage Level Sensor RFID Tag  
Impedance Matching and Experimental Characterisation

Optimization of RFID-Based Tunnel Access Monitoring System Antenna Reading Areas

Path Loss Characterization for Intra-Vehicle Wearable Deployments at 60 GHz

Strain Reliability of Embroidered Passive UHF RFID Tags on 3D-printed Substrates

Energy Detection-Based Spectrum Sensing over Fisher-Snedecor F Fading Channels

Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth

Wirelessly Powered Crowd Sensing  
Joint Power Transfer, Sensing, Compression, and Transmission

5G-U: Conceptualizing Integrated Utilization of Licensed and Unlicensed Spectrum for Future IoT

Code ABC hackathons  
Teachers as tinkerers

Connected and Multimodal Passenger Transport Through Big Data Analytics  
Case Tampere City Region, Finland

Creating resource combinations based on formally described hardware interfaces

Farm detection based on deep convolutional neural nets and semi-supervised green texture detection using VIS-NIR satellite image

Institutional Perspectives on the Process of Enterprise Architecture Adoption

Interpolation-Based Interference Rejection Combining for Black-Space Cognitive Radio in Time-Varying Channels

Log analysis of 360-degree video users via MQTT

Modern Family  
A Revocable Hybrid Encryption Scheme Based on Attribute-Based Encryption, Symmetric Searchable Encryption and SGX

Novel Filter Bank Based Cooperative Spectrum Sensing Under RF Impairments and Channel Fading Beyond 5G Cognitive Radios

On the Distribution of the Stationary Point of Significance Level for Empirical Distribution Function

Positioning and Location-Aware Communications for Modern Railways with 5G New Radio

The comfort zone concept in a human-robot cooperative task

Towards a novel comparison framework of digital maturity assessment models

On the Secrecy Capacity of Fisher-Snedecor F Fading Channels

The  $N$ \*Fisher-Snedecor F Cascaded Fading Model

Low-latency Packet Parsing in Software Defined Networks

Empirical Effects of Dynamic Human-Body Blockage in 60 GHz Communications

Organizing for openness  
six models for developer involvement in hybrid OSS projects

Benefits of Positioning-Aided Communication Technology in High-Frequency Industrial IoT

Power mitigation of a heterogeneous multicore architecture on FPGA/ASIC by DFS/DVFS techniques

Flexible and Reliable UAV-Assisted Backhaul Operation in 5G mmWave Cellular Networks

Guidelines for development and evaluation of usage data analytics tools for human-machine interactions with industrial manufacturing systems

Implications of audio and narration in the user experience design of virtual reality

Robotic process automation - Creating value by digitalizing work in the private healthcare?

Systematic literature review on user logging in virtual reality

The Finnish you – An interactive storytelling application for an airport environment

Social capital characteristics in RD project networks

Analysis of accommodation cues in holographic stereograms

Viewing simulation of integral imaging display based on wave optics

Analyzing Effects of Directionality and Random Heights in Drone-based mmWave Communication

Guest Editorial Special Issue on Multimedia Big Data in Internet of Things

Designing for experiences with socially interactive robots

Understanding animals  
A critical challenge in ACI

Processing and Characterization of Bioactive Borosilicate Glasses and Scaffolds with Persistent Luminescence

A Framework for Data Collection, Transformation and Processing in Industrial Systems

An ISA-95 based Ontology for Manufacturing Systems Knowledge Description Extended with Semantic Rules

Supporting a Cloud Platform with Streams of Factory Shop Floor Data in the Context of the Industry 4.0



Towards the Adoption of Cyber-Physical Systems of Systems Paradigm in Smart Manufacturing Environments

Alternative Power-Based Pricing Schemes for Distribution Network Tariff of Small Customers

The effect of small-scale mobility on terahertz band communications

Utilising EEG signals for modulating neural molecular communications

Intellectual capital and bi-tools in private healthcare value creation

An Explicitly Parallel Architecture for Packet Parsing in Software Defined Networks

Data Clustering Based on Community Structure in Mutual k-Nearest Neighbor Graph

Data-Driven Approach to Satellite Selection in Multi-Constellation GNSS Receivers

Localization and Tracking in mmWave Radio Networks using Beam-Based DoD Measurements

Performance Evaluation of UAV-Assisted mmWave Operation in Mobility-Enabled Urban Deployments

Improvement of GPS and BeiDou extended orbit predictions with CNNs

Dimensional analysis conceptual modeling supporting adaptable reasoning in simulation-based training

Improving initial access reliability of 5G mmWave cellular in massive V2X communications scenarios

Multi-RAT LPWAN in Smart Cities  
Trial of LoRaWAN and NB-IoT Integration

Robust pre-grant signaling for energy-efficient 5G and beyond mobile devices

Improved depth compression by depth downsampling guided by color super-pixel refinement segmentation

Low latency edge rendering scheme for interactive 360 degree virtual reality gaming

Rate-distortion-complexity optimized coding scheme for kvazaar HEVC intra encoder

Liking the game  
How can spectating motivations influence social media usage at live esports events?

Effects of blockage in deploying mmWave drone base stations for 5g networks and beyond

Modeling and cancellation of self-interference in full-duplex radio transceivers  
Volterra series-based approach

Optimizing wirelessly powered crowd sensing  
Trading energy for data

Cybersecurity Attacks and Defences for Unmanned Smart Ships

Secure Firmware Updates for IoT  
A Survey

Wireless Communications for Optogenetics-Based Brain Stimulation  
Present Technology and Future Challenges

Adjusting university education with workspace training and self-education

Role of the user in information systems development

Full-duplex radio technology for simultaneously detecting and preventing improvised explosive device activation

Fabrication and reliability evaluation of passive UHF RFID T-shirts

Sustainable electric vehicle - Prosumer framework and policy mix

Last Meter Indoor Terahertz Wireless Access  
Performance Insights and Implementation Roadmap

Investigating the effects of legacy bias  
User elicited gestures from the end users perspective

Looking for a five-legged sheep  
Identifying enterprise architects' skills and competencies

Analysis of differentially modulated cooperative communications over asymmetric fading channels

Capacity analysis under generalized composite fading conditions

Maximum achievable throughput and interference mitigation for SUN in coexistence with WLAN

Outage probability of multi-carrier NOMA systems under joint I/Q imbalance

Coordinated voltage control as a replacement for passive network reinforcements-A case study

A novel technique for analysis of postural information with wearable devices

Macro cellular network transition from traditional frequency range to 28 GHz millimeter wave frequency band

Analytical modeling and analysis of interleaving on correlated wireless channels

360-Degree video streaming and its subjective quality

A multi-agent approach for processing industrial enterprise data

An approach to production scheduling optimization a case of an oil lubrication and hydraulic systems manufacturer

Configuring and visualizing the data resources in a cloud-based data collection framework

Exploiting suppliers' potential in construction innovations

The use of advanced imaging technology in welfare technology solutions - Some ethical aspects

Viewport-dependent delivery schemes for stereoscopic panoramic video

Impact of antenna radiation pattern variation on the performance of SPMA at 28 GHz

Analyzing Effects of Directional Deafness on mmWave Channel Access in Unlicensed Bands

Detailed Interference Analysis in Dense mmWave Systems Employing Dual-Polarized Antennas

Modeling Three-Dimensional Interference and SIR in Highly Directional mmWave Communications

Technologies for Efficient Amateur Drone Detection in 5G Millimeter-Wave Cellular Infrastructure

Achieving End-to-End Reliability of Mission-Critical Traffic in Softwarized 5G Networks

Advanced wireless m-bus platform for intensive field testing in industry 4.0-based systems

A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA

Beating the city

Three inspirational design patterns to promote social play through aligning rhythms

Concept design and performance evaluation of UAV-based backhaul link with antenna steering

Dynamic Resource Sharing in 5G with LSA

Criteria-Based Management Framework

Federated IoT services leveraging 5G technologies at the edge

Information Exchange Architecture for Collaborative Industrial Ecosystem

Mobility-Centric Analysis of Communication Offloading for Heterogeneous Internet of Things Devices

Resource allocation and sharing for heterogeneous data collection over conventional 3GPP LTE and emerging NB-IoT technologies

Spatial Interpolation of Cyclostationary Test Statistics in Cognitive Radio Networks  
Methods and Field Measurements

System-level analysis of IEEE 802.11ah technology for unsaturated MTC traffic

Outlier edge detection using random graph generation models and applications

Multi-factor authentication for wearables  
Configuring system parameters with risk function

Chipless graphene tag and dual-CP reader for Internet of Things

Convergence analysis of error-reduction algorithm for solving of the extended one-dimensional discrete phase retrieval problem

Lossless compression of high resolution disparity map images

Uncoordinated multi-user video streaming in VANETs using Skype

Architecting liquid software

Novel Er<sup>3+</sup> doped phosphate glass-ceramics for photonics

Business Model Innovation of Startups Developing Multisided Digital Platforms

Design and implementation of adaptive signal processing systems using Markov decision processes

Error performance of NOMA VLC systems

Federations of connected things for delay-sensitive IoT services in 5G environments

Analysis of multipath propagation for 5G system at higher frequencies in microcellular environment

Angular wall loss model and Extended Building Penetration model for outdoor to indoor propagation

Mobility aware eMBMS management in urban 5G-oriented systems

Novel D2D-based relaying method for multicast services over 3GPP LTE-A systems

Optimal subgroup configuration for multicast services over 5G-satellite systems

Developing curiosity and multimedia skills with programming experiments

Open data based value networks  
Finnish examples of public events and agriculture

The educators' telescope to the future of technology

Today is the future of yesterday; What is the future of today?

NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems

Feasibility of self-backhauling in full-duplex radio access systems under QoS constraints

Barriers for bridging interpersonal gaps

Three inspirational design patterns for increasing collocated social interaction

On the prospects of full-duplex military radios

Comparing communication effort within the scrum, scrum with Kanban, XP, and Banana development processes

Operationalizing the experience factory for effort estimation in agile processes

Characterization of Radio Links at 60 GHz Using Simple Geometrical and Highly Accurate 3-D Models

Secure and connected wearable intelligence for content delivery at a mass event

A case study

Why do people play games? A meta-analysis

Microservices in agile software development

A workshop-based study into issues, advantages, and disadvantages

Comparing the Built-In Application Architecture Models in the Web Browser

Effects of extrinsic noise are promoter kinetics dependent

Towards the Utilization of Crowdsourcing in Traffic Condition Reporting

The Effect of Light Field Reconstruction and Angular Resolution Reduction on the Quality of Experience

Compact modeling and management of reconfiguration in digital channelizer implementation

Preventing keystroke based identification in open data sets

A post-mortem empirical investigation of the popularity and distribution of malware files in the contemporary web-facing internet

Advanced architectures for self-interference cancellation in full-duplex radios

Algorithms and measurements

Multi-user techniques in visible light communications

A survey

Experimental evaluation of dynamic licensed shared access operation in live 3GPP LTE system

Effects of Heterogeneous Mobility on D2D-and Drone-Assisted Mission-Critical MTC in 5G

Efficient coding of 360-degree pseudo-cylindrical panoramic video for virtual reality applications

Standard-compliant multiview video coding and streaming for virtual reality applications

Viewport-adaptive encoding and streaming of 360-degree video for virtual reality applications

Analysis of multipoint transmission at higher frequencies using 3-D ray tracing

Comparing customer taste distributions in vertically differentiated mobile service markets

Dynamic Multi-Connectivity Performance in Ultra-Dense Urban mmWave Deployments

Exploiting D2D communications at the network edge for mission-critical IoT applications

From theories to game mechanics  
Developing a game for training rational numbers

Leveraging heterogeneous device connectivity in a converged 5G-IoT ecosystem

Perceptual quality of reconstructed medical images on projection-based light field displays

Reliability-centric analysis of offloaded computation in cooperative wearable applications

Samsung and Volkswagen crisis communication in Facebook and Twitter  
A comparative study

The Web as a software platform  
Ten years later

Wireless M-bus in industrial IoT  
Technology overview and prototype implementation

Describing mobile devices as RESTful services for the end-users

Dynamic social trust associations over d2d communications  
An implementation perspective

PAPR reduction and digital predistortion for non-contiguous waveforms with well-localized spectrum

A coordination-based brokerage architecture for multi-cloud resource markets

Guest editorial  
Special issue on mobile wireless networks

Using elicitation studies to generate collocated interaction methods

Full-duplex mobile device  
Pushing the limits

On the performance of time constrained OQAM-OFDM waveforms with preamble based channel estimation

Decoding complexity reduction in projection-based light-field 3D displays using self-contained HEVC tiles

Sparse modelling and predictive coding of subaperture images for lossless plenoptic image compression

Power flow solutions of AC/DC micro-grid structures

Texture region detection by trained neural network

Exploring synergy between communications, caching, and computing in 5G-grade deployments

SoftWater  
Software-defined networking for next-generation underwater communication systems

Portable sensor system for reliable condition measurement

Utilizing MOOCs in the development of education and training programs

Analysis of human-body blockage in urban millimeter-wave cellular communications

Applicability assessment of terahertz information showers for next-generation wireless networks

Random-access latency optimization and stability of highly-populated LTE-based M2M deployments

Waveform design for massive MISO downlink with energy-efficient receivers adopting 1-bit ADCs

Implementing secure network-assisted D2D framework in live 3GPP LTE deployment

Analysis of vertical and horizontal sectorization in suburban environment using 3D ray tracing

Error analysis of differentially modulated cooperative systems under generalized fading

Frequency domain penetration loss in the terahertz band

Migration to 28 GHz frequency with higher order sectorization in urban macro cellular environment

Outage probability under I/Q imbalance and cascaded fading effects

SER of M-QAM decode-and-forward multi-relay systems under generalized fading conditions

An evaluation framework for cross-platform mobile app development tools  
A case analysis of adobe PhoneGap framework

A survey on aims and environments of diversification and obfuscation in software security

Investigating mid-air gestures and handhelds in motion tracked environments

Exploring the use of deprecated PHP releases in the wild internet  
Still a LAMP issue?

Real-time observation of bacterial gene expression noise

Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices

On prediction of DCT-based denoising efficiency under spatially correlated noise conditions

Learnings from the Finnish game industry

Patterns for safety system bus architecture

Patterns for subsidiaries as innovation tools

Assessing System-Level Energy Efficiency of mmWave-Based Wearable Networks

A unifying perspective on proximity-based cellular-assisted mobile social networking

BL-LDA  
Bringing bigram to supervised topic model

Digital predistortion for mitigating spurious emissions in spectrally agile radios

Highly dynamic spectrum management within licensed shared access regulatory framework

Increasing collocated people's awareness of the mobile user's activities  
A field trial of social displays

Social display...We can see what you are doing on your mobile device

Digital full-band linearization of wideband direct-conversion receiver for radar and communications applications

Innovative e-Tourism Services on Top of Geo2Tag LBS Platform

Guest editorial special issue on the internet of nano things



Security and privacy in cloud computing via obfuscation and diversification  
A survey

Supporting deterministic medium access control in wireless vehicular communications

Accurate depth estimation from a sequence of monocular images supported by proprioceptive sensors

Analysis of a receiver-based reliable broadcast approach for vehicular networks

A novel security-centric framework for D2D connectivity based on spatial and social proximity

Can we get some service here?  
On the company transformation from a software vendor to a SaaS provider

Computer vision aided navigation systems

Duty cycle challenges of IEEE 802.11ah networks in M2M and IoT applications

Educating future coders with a holistic ICT curriculum and new learning solutions

Estimation of BS transceiver non-reciprocity in multi-user massive MIMO systems

Evolutionary multiobjective optimization for digital predistortion architectures

Gravity gradient routing for information delivery in fog Wireless Sensor Networks

Implementation of True IoT Vision  
Survey on Enabling Protocols and Hands-On Experience

Link level performance of a multicarrier CDMA based device-to-device integrated OFDMA cellular system

On distribution of SIR in dense D2D deployments

One-Class Classification based on Extreme Learning and Geometric Class Information

Passive intermodulation and network planning challenges in future indoor networks and energy efficient buildings

Performance analysis of simultaneous communications in bacterial nanonetworks

Performance gains from web performance optimization  
Case including the optimization of webpage resources in a comprehensive way

Technoeconomical Analysis of Macrocell and Femtocell Based HetNet under Different Deployment Constraints

Wideband terahertz band reflection and diffuse scattering measurements for beyond 5G indoor wireless networks

Wireless M-BUS  
An attractive M2M technology for 5G-grade home automation

Energy cooperation for throughput optimization based on save-then-transmit protocol in wireless communication system

Reconfigurable computing for future vision-capable devices

A fully printed multilayer aperture-coupled patch antenna using hybrid 3D / inkjet additive manufacturing technique

A novel chipless RFID-based stretchable and wearable hand gesture sensor

Exploiting 3D printed substrate for microfluidic SIW sensor

Inkjet-printed, flexible, high performance, carbon nanomaterial based sensors for ammonia and DMMP gas detection

RF characterization of 3D printed flexible materials-NinjaFlex Filaments

Need to touch, wonder of discovery, and social capital  
Experiences with interactive playful seats

Who is moving - User or device? Experienced quality of mobile 3D video in vehicles

Sectorized antenna-based DoA estimation and localization  
Advanced algorithms and measurements

Urban sensing and smart home energy optimisations  
A machine learning approach

Progress and applications of VECSELS  
The most versatile laser platform

A non-repudiable negotiation protocol for security service level agreements

Haptic feedback of gaze gestures with glasses  
Localization accuracy and effectiveness

Circularly polarized shorted ring slot rectenna with a mesh design for optimized inkjet printing on paper substrate

Humidity passive sensors based on UHF RFID using cork dielectric slabs

Low-cost microfluidics-enabled tunable loop antenna using inkjet-printing technologies

Mobiscool  
1<sup>st</sup> workshop on mobile, social and culturally oriented learning

Image interpolation based on non-local geometric similarities

Why do people use gamification services?

3D/inkjet-printed origami antennas for multi-direction RF harvesting

Additively manufactured multilayer high performance RF passive components on cellulose substrates for internet-of-things electronic circuits

A flexible hybrid printed RF energy harvester utilizing catalyst-based copper printing technologies for far-field RF energy harvesting applications

Ambient energy harvesting from a two-way talk radio for flexible wearable devices utilizing inkjet printing masking

Evaluation of SPMA and higher order sectorization for homogeneous SIR through macro sites

Gathering useful programming data; Analysis and insights from real-time collaborative editing

An HMM-based spectrum access algorithm for cognitive radio systems

Performance analysis of IoT-enabling IEEE 802.11ah technology and its RAW mechanism with non-cross slot boundary holding schemes

Four patterns for internal startups

Three patterns for user involvement in startups

Depth Map Compression Using Color-Driven Isotropic Segmentation and Regularised Reconstruction

Collaborative cloud-based management of home networks

A comparison of security assurance support of agile software development methods

Monetary impact of dynamic pricing and demand response on households  
The winners and losers

Planar monopole antennas on substrates fabricated through an additive manufacturing process

A novel mode and frequency reconfigurable origami quadrifilar helical antenna

An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations

Recent advances in antenna design and interference cancellation algorithms for in-band full duplex relays

Partial expansion of dataflow graphs for resource-aware scheduling of multicore signal processing systems

Bit error rate of underlay decode-and-forward cognitive networks with best relay selection

Context-awareness and the smart grid  
Requirements and challenges

Dilute nitride SOAs for high-speed data processing in variable temperature conditions

From the Internet of Things to the Internet of People

The internet of Bio-Nano things

LTE indoor MIMO performances field measurements

Semantic Labeling of Places based on Phone Usage Features using Supervised Learning  
Julkaisun otsikon käännös: : Semantic Labeling of Places based on Phone Usage Features using Supervised Learning

Coarse-grained model of protein interaction for bio-inspired nano-communication

Security aspects of e-Health systems migration to the cloud

Social behavior in bacterial nanonetworks  
Challenges and opportunities

Spectral and energy efficiency of ultra-dense networks under different deployment strategies

Towards Trusted eHealth Services in the Cloud

2.4 GHz inkjet-printed RF energy harvester on bulk cardboard substrate

Cultural influence on online community use  
A cross-cultural study on online exercise diary users of three nationalities

Definition of key performance indicators for energy efficient assessment in the transport sector

Methodology for energy efficiency assessment in the transport sector for smart cities

On constructibility and unconstructibility of LTS operators from other LTS operators

Parameters affecting the energy performance of the transport sector in smart cities

Roadmap for organic and printed electronics

Smart home gateway system over Bluetooth low energy with wireless energy transfer capability

Techno-Economical Comparison of Dynamic DAS and Legacy Macrocellular Densification  
Capacity and Cost-Efficiency Analysis of Alternative Deployment Solutions for Outdoor Service Provisioning

Why do people buy virtual goods? Attitude toward virtual good purchases versus game enjoyment

Class-Specific Reference Discriminant Analysis With Application in Human Behavior Analysis

A conformable dual-band antenna equipped with AMC for WBAN applications

Goofy Mus, grumpy Mur and dirty Muf  
Talking playful seats with personalities

Information wall  
Evaluation of a gesture-controlled public display

RF tag front-end design for uncompromised communication and harvesting

Inkjet-printed 'Zero-Power' wireless sensor and power management nodes for IoT and 'Smart Skin' applications

On-body antennas  
Towards wearable intelligence

Analysis of source code snapshot granularity levels

Automatically detectable indicators of programming assignment difficulty

Effect of feeder cable's phase tolerance on the first sidelobe level of base station antenna

Adaptive sampling for compressed sensing based image compression

Young mobile users  
Radical and individual - Not

Patterns for controlling chaos in a startup

Two patterns for minimizing human resources in a startup

Optimizing spatial and temporal reuse in wireless networks by decentralized partially observable markov decision processes

A multi-coil wireless power transfer system utilizing dynamic matching for in-vivo and biomedical applications

Radar micro-Doppler feature extraction using the Singular Value Decomposition

Symbol diversification of linux binaries

Dynamic, data-driven spectrum management in cognitive small cell networks

'One of our hosts in another country'  
Challenges of data geolocation in cloud storage

The lord of the sense

A privacy preserving reputation system for participatory sensing applications

An Unsupervised Audio Segmentation Method Using Bayesian Information Criterion

Julkaisun otsikon käännös: : An Unsupervised Audio Segmentation Method Using Bayesian Information Criterion

Bars, pies, doughnuts & tables - Visualization of proportions

Controlled experiments comparing fault-tree-based safety analysis techniques

Impact of received signal on self-interference channel estimation and achievable rates in in-band full-duplex transceivers

Inkjet-printed "zero-Power" wireless sensor and power management nodes for IoT and "smart Skin" applications

Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study

Julkaisun otsikon käännös: : Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study

Optimization equivalence of divergences improves neighbor embedding

Optimized design of multiband and solar rectennas

Overview of electromagnetic transducers with radar interrogation for passive wireless sensors applications

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