

1180 nm GaInNAs quantum well based high power DBR laser diodes

1180nm VECSEL with 50 W output power

1.3 $\mu$ m U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics

1.55- $\mu$ m wavelength wafer-fused OP-VECSELs in flip-chip configuration

1800-luvun Helsingin kadonneiden konserttitilojen akustiikan mallintaminen

2D Video Coding of Volumetric Video Data

360 panorama super-resolution using deep convolutional networks

405-nm pumped Ce<sup>3+</sup>-doped silica fiber for broadband fluorescence from cyan to red

50 W VECSEL emitting at 1180 nm

73-fs SESAM mode-locked Tm,Ho:CNGG laser at 2061 nm

8th Nordic Conference on Construction Economics and Organization

A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm

A Batteryless Semi-Passive RFID Sensor Platform

A bibliometric study on authorship trends and research themes in knowledge management literature

Abstracting Application Development for Resource Constrained Wireless Sensor Networks

A Capacity Bound for mmWave-based Channel Access in Ultra-Dense Wearable Deployments

Accessible Games for Blind Children, Empowered by Binaural Sound

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

Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid

A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development

A computationally feasible optimization approach to inverse SAR translational motion compensation

A continuum based macroscopic unified low- and high cycle fatigue model

A continuum damage model for creep fracture and fatigue analyses

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

Acquisition of E5 Galileo signals in Matlab

A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students.

Action and power efficiency in self-organization  
The case for growth efficiency as a cellular objective in escherichia coli

Action recognition using the 3D dense microblock difference

Active corrosion phase as a service life extension of concrete facades

Actors' agency in the routines of innovation project portfolio management

Adapting service-based working culture as the key driver for organisational creativity and innovation

Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances

Adaptive fuzzy inference system based directional median filter for impulse noise removal

Advanced coatings by novel high-kinetic thermal spray processes

Advanced Treatments of Aramid Fibers for Composite Laminates

Advocator, jester, spokesperson, provocateur and boundary spanner? Exploring different communication styles at twitter

A dynamical quality model to continuously monitor software maintenance

A dynamic paper machine simulator for testing of model predictive control applications

Affective experiences and student engagement in higher education

A follow-up case study of the relation of PLM Architecture, Maturity and Business processes

Agency relationships in global project business

Agile methods in performance management system development process

Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland

ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien

Alipaineistetun tuulettuvan ryömintätilan rakennusfysikaaliset FEM-simuloinnit

Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells

All-fiber mode-locked laser at 0.98  $\mu\text{m}$

Alpha radiation induced luminescence in solar blind spectral region

Aluetehokkuuden kustannusvaikutukset

Älykäs kaupunkilogistiikka – CityLog

Translated title of the contribution: : Smart city logistics

Älylaitteet ja stressi: Aiheuttajat, seuraukset ja hallintakeinot

A membrane external-cavity surface-emitting laser (MECSEL) with emission around 825 nm

A mixed-integer linear programming approach for global discrete size optimization of frame structures

A model based analysis of the measurement errors in inductively coupled passive resonance sensors

A model for anisotropic magnetostriction

A model for profiling information and knowledge management in the public sector

An accurate small-signal model of a three-phase VSI-based photovoltaic inverter with LCL-filter

Analysis of Cognitive Cooperative Networks with Best Relay Selection and Diversity Reception

Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization

Analysis of outdoor and indoor propagation at 15 GHz and millimeter wave frequencies in microcellular environment

Analysis of Real Mobility Records in Urban and Suburban Environments

Analysis of the aircraft operational reliability research series: From statistical models to avionics data monitoring

Analysis of upconversion nanoparticles as an active medium for upconversion light sources

Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos

Analysis on bus travel time through traffic light intersection

An anisotropic continuum damage model for concrete

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

A new generation sweating thermal manikin for the evaluation of the thermal comfort of protective clothing in Arctic Conditions

A new method to calculate natural convection heat transfer from a non-isothermal fin array

A new waveguiding mechanism based upon geometric phase

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

An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite

An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing

A NLOS-robust TOA positioning filter based on a skew-t measurement noise model

Anomaly Detection and Diagnostics of a Wheel Loader Using Dynamic Mathematical Model and Joint Probability Distributions

Anticancer activity of THMPP  
Downregulation of PI3K/ S6K1 in breast cancer cell line

Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms

Application and Theory of Petri Nets and Concurrency  
36th International Conference, PETRI NETS 2015 Brussels, Belgium, June 21-26, 2015 Proceedings

Application of terrestrial LiDAR and modelling of tree branching structure for plant- scaling models in tropical forest trees

Applying third-party moocs in programming education: a case study

A Proposal of Decentralized Architecture for OKD-MES

Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control

Architectural patterns for microservices  
A systematic mapping study

Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics

Architecture for Open, Knowledge-Driven Manufacturing Execution System

Are Finns walking the talk?  
Examining the national collaboration process on engineering education for sustainable development five years later

A review study of photovoltaic array maximum power point tracking algorithms

Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun

A Semantic Meta-Model Repository for Lightweight M2M

A social capital perspective on gaining optimal solutions from suppliers as preferred customer

A Socially-Intelligent Multi-Robot Service Team for In-Home Monitoring

Assessing business learning by analysing ERP simulation log files

Assessing coupling dynamics from an ensemble of time series

Assessing sustainability orientations of first year university students

Assessing the usefulness of an early idea development tool among experienced researchers

Assessment of Coordinated Multipoint Transmission Modes for Indoor and Outdoor Users at 28 GHz in Urban Macrocellular Environment

Assessment of student retention using the Evolute approach, an overview

A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion

A study on the behaviour of the weathered crust in the Perniö failure test

Asuinhuoneistojen betonivälipohjien askelääneneristyksen subjektiivinen ja objektiivinen arviointi

A Survey of People Movement Analytics Studies in the Context of Smart Cities

A trial of yoking-proof protocol in RFID-based smart-home environment

Augmenting Technology Trees: Automation and Tool Support

A unified lcf-hcf model based on continuum mechanics

Automated driving and the key megatrends of future

Automated pile transfer work cycles with a robotic wheel loader

Automated Tonal Balance Enhancement for Audio Mastering Applications

Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning

Automatization and stress analysis data of CoCr laser weld fatigue tests

A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology

Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM

Backend infrastructure supporting audio augmented reality and storytelling

Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes

Balancing Expectations to the Health Software Production Process Standard

Barkhausen noise Potcore sensor simulations with Comsol

Beaconing in a highway scenario  
Vulnerable vehicles problem

BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds

Behavior of capacitive humidity sensors in monitoring the drying of concrete walls

Being a start-upper in Italy  
Motivations, obstacles and success factors

Benchmarking of Factory Level ESD Control

Benchmarking of several disparity estimation algorithms for light field processing

Benefits of digitally guided buying in B2B markets

Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen

Beyond ic 4.0 : the future potential of bi-tool utilization in the private healthcare

Biocaced nanofibrilated films and yarns via ionic liquids

Bioimpedance measurement system for evaluation of the status of wound healing

Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal

Blind estimation of speckle variance in synthetic aperture radar images

Boundary Integral Operators in Linear and Second-order Nonlinear Nano-optics

Breathers Emergence in Spontaneous Modulation Instability

Brownfield Process

A Method for the Rationalisation of Existing Product Variety towards a Modular Product Family

Building Codes and Demand Response of Energy Use

Building energy retrofits, occupant health and wellbeing

Building new computational models to support health behavior change and maintenance  
new opportunities in behavioral research

Business analytics enabling future insights in the private healthcare

Business catalysts for the Circular Economy innovations

Business intelligence approach – a practical tool for competence based curriculum development

Business intelligence process model revisited

Business models in the circular economy: a structured multiple-case analysis

Bus Transportation Accessibility - Does It Impact Housing Values?

By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta

Calcium signaling in astrocytes: modeling Fura-2AM measurements

Calculation method to determine capillary properties of building materials with automatic free water intake test

Campus retrofitting (CARE) methodology: a way to co-create future learning environments

Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling

Capturing knowledge from research projects: From project reports to storytelling

Car Type Recognition with Deep Neural Networks

Case depth prediction of nitrided components

Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings  
sprayed with modern high velocity thermal spray processes

Cavitation wear characteristics of Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>-ceramic coatings deposited by APS and HVOF -processes

CBRN Defense Using THz Pulse Trains from Semiconductor Disk Lasers

CEO 2015

Proceedings of the 8th Nordic Conference on Construction Economics and Organization

Challenges Facing BIM Education  
Development of Appropriate Teaching and Learning Resources

Challenges in developing data-based value creation

Challenges in the paradigm change from mobility as a self-service to mobility as a service

Changes in operations when introducing disruptive technologies

Characterising the industrial context of engineering change management

Characteristics of Digital Hydraulics with Commercial Controllers

Characterizing the Context of Use in Mobile Work

Charged cable-system ESD event

Charge relaxation of slowly dissipative polymers

Charlie and the CryptoFactory  
Towards Secure and Trusted Manufacturing Environments

Circularly Polarized Textile Antenna For 2.45 GHz

Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain

Clean Components of Fluid Power System Reduce Maintenance Costs

Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling

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

Co-creating digital services for citizens  
Activity theory analysis

Cold-formed RHS T joints with initial geometrical imperfections

Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation

Collective nonlinear optical effects in plasmonic nanohole ensembles of different rotational symmetries

Color-distribution similarity by information theoretic divergence for color images

Combining Product Innovation With Service Innovation to Increase Value Created With a System



Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice

Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies

Comparative investigation of remote tracking devices for aging care

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

Comparing two methods for Urban Complexity calculation using Shannon-Wiener index

Comparison between calculated and billed building energy consumption values of schools and daycare centers

Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments

Comparison of food frequency questionnaire data and shopping records for the assessment of food intake

Comparison of Sintering Methods and Conductive Adhesives for Interconnections in Inkjet-Printed Flexible Electronics

Compensation of PV generator output power fluctuations with energy storage systems

Competence portfolio assessment of research and development center for regional development

Complex-domain sparse imaging in terahertz pulse time-domain holography with balance detection

Complexity and Digitalisation of Cities - Challenges for Urban Planning and Design  
Conference Proceedings of 13th AESOP Complexity and Planning Thematic Group Meeting 15th-16th January 2015,  
Tampere, Finland

Composite Nonlinear Feedback Control of a Chemical Reactor

Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm

Computational modelling of high-cycle fatigue using a continuum based model

Computational wavelength resolution for in-line lensless holography  
Phase-coded diffraction patterns and wavefront group-sparsity

Computer-supported collaborative learning  
Praxes in new cell-oriented configurable PC-classroom

Computer vision aided navigation systems

Concentration and composition gradients of exhaust and non-exhaust particles near a major road

Conceptualization of hackathon for innovation management

Consensus building in the pre-design phase of building projects

Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives

Constrained PSK  
Energy-efficient modulation for Sub-THz systems

Consumer acceptance in new service innovation: Enhancing consumer durables with new product-related services.

Consumers' Views on Eco-Friendliness as a Dimension of a High-Tech Brand

Contact analysis included in a 3D FEA of tube splices

Continuous-wave optical parametric oscillators for mid-infrared spectroscopy

Continuum approach for modeling fatigue in amorphous glassy polymers. Applications to the investigation of damage mechanisms in polycarbonate

Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality

Convolutional Recurrent Neural Networks for Rare Sound Event Detection

Coopetition and company performance

Core Project Team As a Management Entity for Construction Projects

Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags

Cost optimization of end-plate connections

Creating sustainable value in manufacturing operations: the role of an external service provider

Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools

Crossing Boundaries for Learning – through Technology and Human Efforts

Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective

CueSense: a Wearable Proximity-Aware Display Enhancing Encounters

Culture-Aware Web Information System Development

Culture-Aware Web Information Systems in Dependence of Context

Customer lifetime value in manufacturing services

Customer Perceived Value - A Key in Marketing of Integrated Solutions

Customers' conscious experience in a coffee shop

Customer value management framework for supply chains

Customized service solutions for project business

Cyclic quantum walks  
Photonic realization and decoherence analysis

D2D communications for mobile devices: Technology overview and prototype implementation

Data-Driven Approach for Analysis of Performance Indices in Mobile Work Machines

Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters

DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks

Decision making on sustainability in product development projects

Defining product end-of-life strategies in new product development.

Demolished buildings  
Empirical evidence on types, ages and construction materials

Demolition Rates of Buildings with Different Functions and Construction Materials

Design: A Key Stage of Product Lifecycle

Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications

Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping

Detection and Assessment of Sleep-Disordered Breathing with Special Interest of Prolonged Partial Obstruction

Developing commercialization plans through stakeholder interaction: Patterns identified from Public-Private Innovation Projects

Developing Learning and Teaching in Engineering Mathematics with and without Technology

Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System

Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip

Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction

Development of New Kinds of Plasmonics Materials Through Swift Heavy Ion Shaping Technique

Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording

Development of students' multidisciplinary collaboration skills by simulation of the design process

DIC measurements of the human heart during cardiopulmonary bypass surgery

Diesel engine exhaust particle measurements using a particle size magnifier (PSM)

Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings

Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art

Different types of non-volatile nanoparticles in off-road diesel engine exhaust

Diffraction compensation of finite beams in hyperbolic metamaterials

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

Digital Hydraulics on Rails – Pilot Project of Improving Reliability on Railway Rolling Stock by Utilizing Digital Valve System

Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery

Digitalisaatio kunnossapidossa  
Translated title of the contribution: : Digitalization for maintenance operations

Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films

Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability

Discovering collaborative and inclusive solutions to co-create multidimensional value in cross-sector collaboration

Disruptive innovation in ecosystems: Path-creation and institutional barriers

Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies?

Distributed power allocation over indoor multi-pico stations

Distributors As Market Orientation Agents in Innovation Development and Commercialization.

Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company?

Dots-on-the-fly electron beam lithography

Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region

DroneRF dataset

A dataset of drones for RF-based detection, classification and identification

Drying-Mediated Self-Assembly of Graphene for Inkjet Printing of High-Rate Micro-supercapacitors

Dual-frequency signal processing architecture for robust and precise positioning applications

Dual-ID headgear UHF RFID tag with broadside and end-fire patterns based on quasi-Yagi antenna

Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings

Durability study on high speed water hydraulic miniature on/off-valve

Dynamic characteristics of three-phase Z-source-based photovoltaic inverter with asymmetric impedance network

Dynamic laser speckle metrology with binarization of speckle patterns

Dynamics of rogue wave and soliton emergence in spontaneous modulation instability

Dynamics of value in technology inspired value co-creation: Case in homecare value network

Economical utilization of high strength steel

Welded slim floor box beams

Editorial

Editorial: Experiments in an Organisational Context

Editorial: Information to support decision-making

Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland

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

Education and Materials Joining Research methods at Tampere University of Technology

Education on the utilization of secondary materials in earthworks

Effect of active damping on the output impedance of PV inverter

Effect of air gap on the adhesion of PET layer on cardboard substrate in extrusion coating

Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors

Effect of Inductor Saturation on the Harmonic Currents of Grid-Connected Three-Phase VSI in PV Application

Effect of Laser Power on Yield of TiO<sub>2</sub> Nanoparticles Synthesized by Pulsed Laser Ablation in Water

Effect of radiation inside square hollow section under moderate non-symmetric fire

Effects of adiabatic heating estimated from tensile tests with continuous heating

Effects of Social Media on Consumers' Sports Brand Experiences and Loyalty

Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients

Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite

E-learning of ethics, awareness, hacking and research by information security majors

Electrically small UHF RFID tag antenna based on an inductively coupled resonant LC tank

Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities

Electronic Exam in Electronics Studies

Electro-optic steering of random laser emission in liquid crystals

Electrostatic discharge characteristics of conductive polymers

Electrostatic Threats in Hospital Environment

Elementary math to close the digital skills gap

Embroidered antennas and antenna-electronics interfaces for wearable RFID tags

EMCCD imaging of strongly ionizing radioactive materials for safety and security

Emergence of relationship triads in construction project networks

Emergency Voice/Stress - level Combined Recognition for Intelligent House Applications

Emotion-Gauge: Analyzing affective experiences in B2B customer journeys

Emotion measurement services for knowledge workers

Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry

Empowerment in construction: a qualitative analysis of subcontractors' quality assurance

Enablers and barriers of inter-organizational network's formation for new market entry: case Finnish maritime industry

Enablers and Restraints of Knowledge Work – Does profession make a difference?

Enabling cybersecurity incident reporting and coordinated handling for maritime sector

Energiaomavaraiset anturiverkot

Translated title of the contribution: : Energy autonomous sensor networks

Energiatehokkuusinformaatio palvelurakennuksissa

Energiatehokkuus on entistä enemmän sähkötehon hallintaa

Energiatehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa

Energy efficiency evaluation method for machine tools

Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions

Engaging facts and feelings in management accounting practices

Engelin teatterin huoneakustiikan mallintaminen

Enhanced outdoor to indoor propagation models and impact of different ray tracing approaches at higher frequencies

Enhancement mechanisms for second-harmonic generation from metal nanostructures

Enhancing old laboratory experiment using flipped learning

Towards self-regulating collaborative groups in blended learning environment

Enhancing the acceptance of advanced services among users of complex systems

Enhancing the supplier's third-party relationships in construction projects

Enterprise architecture and organizational reform: a project debrief

Enterprise architecture as strategy, practice, or approach

Entropy of weighted graphs with Randić weights

Environment Interpretation for Business Continuity in a Project Supplier's Networks – Critical Factors in International Industrial Upgrades

Erosion testing of filled and/or reinforced vinyl ester composites in water medium at elevated temperature

ESD and Disturbance Cases in Electrostatic Protected Areas

ESD Sensitivity of 01005 Chip Resistors and Capacitors

Evaluating organizational commitment in support of organizational leadership

Evaluating the contrast of planar periodic patterns on paper

Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes

Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction

Evaluation of visual object trackers on equirectangular panorama

Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures

Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate

Examining Innovation Barriers along Innovation Process in Multi-Industry Hygiene-Technology Network.

Exhaust Particles and NO<sub>x</sub> Emission Factors of a Modern Heavy Duty Truck equipped with the SCR in Real-world Driving Conditions

Experiences from development of security audit criteria

Experimental and numerical dataset of Microbond test using optical fibres for strain

Experimental behaviour of stainless steel cellular beam in fire

Experimental demonstration of temporal ghost imaging

Experimental moment resistance of rectangular hollow section T joints

Experimental study of bispectrum-based encoding in radio communication system

Experimental study on temperature distribution of sandwich panel joints in fire



Experimenting traditional and modern reliability models in a 3-years european software project

Exploration and exploitation of sensorimotor contingencies for a cognitive embodied agent

Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling

Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education

Exploring customer value of Circular Economy innovations and solutions

Exploring effects of ecosystem clockspeed on product performance

Exploring how brand experience measurement could be used for integrating marketing and R&D

Extending Professional Fields. Architectural Research and Regional Development

Extreme Nonlinear Signal Amplification

Eye tracking studies focusing on mathematics: a literature review

Fabrication and characterization of broadband superluminescent diodes for 2  $\mu\text{m}$  wavelength

Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags

Fabrication and reliability evaluation of passive UHF RFID T-shirts

Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers

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

Fault Tolerance of Digital Hydraulics in High Dynamic Hydraulic System

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

Feasibility of electric buses in public transport

Feasibility study of the THz band for communications between wearable electronics

Field Collapse Event ESD Test Method

Finite temperature path-integral modeling of quantum dot cellular automata

Finnish Engineering Education for Sustainable Development in 2016 - Call for collaborative learning

Finnish Round Robin Test on Airborne Sound Insulation

First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids

First principles prediction of the solar cell efficiency of chalcopyrite materials  $\text{AgMX}_2$  (M=In, Al; X=S, Se, Te)

Fractional Ornstein-Uhlenbeck Processes

Framework for optimization and scheduling of a copper production plant

Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator

Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing

Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W

From monolithic systems to microservices  
A decomposition framework based on process mining

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

Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304

Fully printed memristors for a self-sustainable recorder of mechanical energy

Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings

Functional model for organisational and safety culture

Future in wood? Timber construction in boosting local development.

Gain Scheduling Full State Feedback with D-Implementation for Velocity Tracking of Hydrostatic Drive Transmission

Gamification at School

Gamified coding  
Toy robots and playful learning in early education

Gas and particle composition and properties of photochemically aged ship plumes using chemical ionization and aerosol mass spectrometry

Generalized hyperbolic harmonic functions in the plane

Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain

Generation of characteristic traffic emission aerosol in particulate filter collection efficiency tests

Generation of Characteristic Traffic Emission Aerosol in Particulate Filter Collection Efficiency Tests

Genesis of Water supply and sanitation services in Finland

Translated title of the contribution: : Vesihuoltopalveluiden synty Suomessa: Editorial

Gibbs Dyadic Differentiation on Groups - Evolution of the Concept

Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution

Glove-integrated slotted patch antenna for wearable UHF RFID reader

Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader

Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages

Green (In,Ga,Al)P-GaP light-emitting diodes grown on high-index GaAs surfaces

Green picosecond narrow-linewidth tapered fiber laser system

Growth of Urban Peripheries with Reference to Inconsistent Spatial Planning Policies: South-east Amman as case study

>8W GaInNAs VECSEL emitting at 615 nm

Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators

Handheld wireless authentication key and secure documents storage for the Internet of Everything

Handling exceptional situations in a distribution network congestion management algorithm

Hard Rock (- ei Hallelujah, vaan) Tribology

Pohjoismainen kaivosteollisuuden kulumisongelmiin keskittyvä kurssi ja seminaari Tampereella

Translated title of the contribution: : Hard Rock (- not Hallelujah, but) Tribology

Harmonic and Imbalance Voltage Mitigation in Smart Grids: A DSTATCOM Based Solution

Heat Loss Rate of the Finnish Building Stock

Heat protective properties of enclosure structure from thin-wall profiles with foamed concrete

HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video

Hiekkatekonurmipintaisten pesäpalkokenttien ominaisuuksien muuttuminen ja elinkaari

Hierarchical deformable part models for heads and tails

High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability

High efficiency dilute nitride solar cells  
Simulations meet experiments

High-efficiency yellow VECSEL with 20 W output power

Highly-efficient Ho:KY(WO<sub>4</sub>)<sub>2</sub> thin-disk lasers at 2.06 μm

High performance GaSb superluminescent diodes for tunable light source at 2 μm and 2.55 μm

High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography

High power GaInNAs VECSEL emitting at 1230/615 nm

High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber

High-Q resonance train in a plasmonic metasurface

High repetition rate 1.34 μm Nd:YVO<sub>4</sub> microchip laser Q-switched with GaInNAs SESAM

High-speed manufacturing of antimicrobial paper

High-temperature sliding wear behaviour of thermally sprayed Cr<sub>3</sub>C<sub>2</sub>-based coatings

High Temperature Tension HSB Device Based on Direct Electrical Heating

HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi  
Jatkotutkimus

Home Network Security: Modelling Power Consumption to Detect and Prevent Attacks on Homenet Routers

Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki

How is it sustainable? Identifying key indicators for sustainable educational design

How mono-valent cations bend peptide turns and a first-principles database of amino acids and dipeptides

How to benefit from learning logs in engineering education?

How to co-learn in campus.

How to develop a new innovation education tool: case of impact canvas

How to support managers' commitment to safety management and leadership in organizations: good practices from the managers' viewpoint

Human Factor in Time Management

HVS-based local analysis of denoising efficiency for DCT-based filters

Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives

Hydrodynamic Classification of Natural Flows Using an Artificial Lateral Line and Frequency Domain Features

icellfusion

Tool for fusion and analysis of live-cell images from time-lapse multimodal microscopy

Identification of fundamental requirements for ideal metamodeling framework in additive manufacturing

Identifying and measuring customer value - case multi-locational worker

Identifying critical technology actors in waste flow management

Identifying the potential of performance measurement in supporting strategic purchasing and supply chain management

Ideoita kaavoituksen sisällön uudistamiseen

Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke)

Translated title of the contribution: : Ideas to reform the content of spatial plans: Developing the designations and regulations related to plans

If you know social media, you see opportunities...

Ilmaääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmaääneneristävyyden kuvaajina

Ilmastonmuutoksen vaikutus betonijulkisivujen vaurioitumisen etenemiseen

Image-based characterization of the pulp flows

Impact analysis of graph-based requirements models using PageRank algorithm

Impact of anatomical variability on the wireless power transfer to intra-abdominal implants

Impact of Axial Profile of the Gain Medium on the Mode Instability in Lasers  
Regular Versus Tapered Fibers

Impedanssipneumografia pienten lasten alahengitystiesoireiden selvittelyssä

Implementation Experiences and Design Challenges for Resilient SDN Based Secure WAN Overlays

Implementing of Activating Learning Strategy for a Course on Electric Drives

Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students

Improved modelling of electric loads for enabling demand response by applying physical and data-driven models  
Project Response

Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating

Improving project control by combining earned value analysis and automatic data collection

Improving Recovery Boiler Availability through Understanding Fume Behavior

Improving reliability of replicated message delivery in cellular machine-type communications

Improving the Situation Awareness of DSOs in Major Disturbances by Visualizing the State of Mobile Networks

In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1  $\mu\text{m}$

Incoherent Broadband Cavity Enhanced Absorption Spectroscopy Using a Supercontinuum Source in the Mid-IR

Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source

Increasing Employee Involvement in Socially Sustainable Manufacturing: Two Methods for Capturing Employees' Tacit Knowledge to Improve Manufacturing Processes

Increasing the environment-awareness of rake beamforming for directive acoustic sources

Incremental service innovations in a manufacturing firm's delivery chain

Indoor Localisation using Aroma Fingerprints: A First Sniff

Industrial customers' organizational readiness for service innovations  
Adopting data-based advanced services

Industrial impact on topics and types of Master's theses  
Empirical study of software engineering theses made in 1990-2016

Industrialization of hybrid and additive manufacturing-Implementation to Finnish industry (HYBRAM)

Infant respiration and heart rate monitoring with EMFi sensor

Infinitesimals and Pavelka logic

Influence of environmental conditions on EMF levels in a span of overhead transmission lines

Influence of the rotor eccentricity on the torque of a cage induction machine

InGaAs-QW VECSEL emitting >1.300-nm via intracavity Raman conversion

Initiation processes and initiation contributors illustrated by Norwegian-South Korean business relationships

Inkjet printed metallic micropillars for bare die flip-chip bonding

Institutional development is the key for sustainable water services in the built environment

Institutionalizing a service innovation in complex networks: The case of developing and diffusing electronic prescription in Finland.

Instrumentation and monitoring of large-span culvert built under a railway, in Finland

Integrated multi-wavelength mid-IR light source for gas sensing

Integrated urban water management, the green economy and institutional eco-innovations

Integrating III-V, Si, and polymer waveguides for optical interconnects  
RAPIDO

Integrating mobile orienteering to team forming activity in a software engineering course

Integration of evaluation and simulation methods for virtual prototypes

Intensity Interferometry of Supercontinuum Light

Interdisciplinary water research network building within Nordic and Baltic countries.

Internal Heat Generation in Tension Tests of AISI 316 Using Full-Field Temperature and Strain Measurements

International Workshop on MicroFactories (IWMF 2012)  
17th-20th June 2012 Tampere Hall Tampere, Finland

Internet-of-things disrupting business ecosystems  
A case in home automation

Internet of Things, Smart Spaces, and Next Generation Networks and Systems  
15th International Conference, NEW2AN 2015, and 8th Conference, ruSMART 2015, St. Petersburg, Russia, August 26-28, 2015, Proceedings

Inter-organizational knowledge sharing barriers within an sme network: a case study

Interplay between offering, provider and customer in product-service system design

Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling

Investigating Auditory Human-Machine Interaction: Analysis and Classification of Sounds Commonly Used by Consumer Devices

In vitro characterization of arylhydrazones of active methylene derivatives

In vivo single-molecule dynamics of transcription of the viral T7 Phi 10 promoter in Escherichia coli

IoT-CryptoDiet

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

Is languaging experienced to improve understanding of structural mechanics?

Jitter suppression in passive harmonic mode-locking fiber ring laser

Jossakin vuoti öljy, muualla tihkuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella

Joustavat asuinympäristöt

10 visiota aikaa kestävään kaupunkiasumiseen