

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

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

Effect of active damping on the output impedance of PV inverter

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

Distributors As Market Orientation Agents in Innovation Development and Commercialization.

Multiple facets of innovation and business ecosystem research: the foci, methods and future agenda

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

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

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

Blind estimation of speckle variance in synthetic aperture radar images

The effects of neuron morphology on graph theoretic measures of network connectivity  
The analysis of a two-level statistical model

Sound Event Detection in Multichannel Audio Using Spatial and Harmonic Features

VisualLabel: An Integrated Multimedia Content Management and Access Framework

Glove-integrated slotted patch antenna for wearable UHF RFID reader

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

Agency relationships in global project business

The circular economy of projects

Vehicle Mass Estimation for Hydraulic Drive System using Longitudinal Motion Model

Keyframe-based video summarization with human in the loop

Smartphone teleoperation for self-balancing telepresence robots

Spatial borders and affordances of a temporary school building – Enhancing the school engagement and learning experience

Customer value management framework for supply chains

Riding for a fall in outsourced ISD: Knowledge transfer challenges between the onshore vendor and the offshored unit

Riding for a fall in outsourced ISD: Transferring knowledge between onshore vendor and offshored unit

A new waveguiding mechanism based upon geometric phase

Nonperturbative nonlinear optics in liquid crystals

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

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

Analysis of Real Mobility Records in Urban and Suburban Environments

DroneRF dataset

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

Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of Escherichia coli cells

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

Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source

Mid-Infrared Sources for Ultra-Broadband Cavity Enhanced Spectroscopy

On Design and Development of Super-FRS main tunnel Remote Handling System Concept

Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems

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

Emotion-Gauge: Analyzing affective experiences in B2B customer journeys

Kosteus- ja mikrobivaurioiden laajuus kuntien rakennuksissa

Valtion tukemien homekorjaushankkeiden arviointi -jatkotutkimus (HKPro 3)

By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta

Kosteusvaurioiden vakavuus kuntien rakennuksissa

Managing Cultural Knowledge in Project Execution

Meeting radical change: SMEs and innovation capabilities and strategic foresight

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

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

Electro-optic steering of random laser emission in liquid crystals

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

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

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

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

What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out

LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures

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

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

Modeling the process of dynamic resource sharing between LTE and NB-IoT services

Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia

A model for anisotropic magnetostriction

Design: A Key Stage of Product Lifecycle

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

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

Potentials of web standards for automation control in manufacturing systems

Safety, Space and Structure Quality Requirements in Construction Scheduling

Resource – Space Charts for Construction Workspace Scheduling

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

High-speed manufacturing of antimicrobial paper

Single-frequency 571nm VECSEL for photo-ionization of magnesium

Upper bound and approximation of random access throughput over chase combining HARQ

Convolutional Recurrent Neural Networks for Rare Sound Event Detection

Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning

Reducing uncertainties in above-ground biomass estimates using terrestrial laser scanning

Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams

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

Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle

Product Upgradability  
Towards a Medical Analogy

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

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

Entropy of weighted graphs with Randić weights

Fabrication and reliability evaluation of passive UHF RFID T-shirts

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

Performance Enhancement Of Optimized Link State Routing Protocol For Health Care Applications In Wireless Body Area Networks

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Integration of evaluation and simulation methods for virtual prototypes

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Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts  
TRIZ and Knowledge-Based Innovation in Science and Industry

Pedestrian Dead Reckoning with Particle Filter for Handheld Smartphone

Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry

Systematic Literature Review on Enterprise Architecture in the Public Sector

Enterprise architecture and organizational reform: a project debrief

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

Computer vision aided navigation systems

Risk Assessment of Major Storm Situation in Distribution System

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

D2D communications for mobile devices: Technology overview and prototype implementation

Preliminary results from a study aiming to improve ground investigation data

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

Strength increase below an old test embankment in Finland

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

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

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

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

Sound Events and Emotions: Investigating the Relation of Rhythmic Characteristics and Arousal

BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds

Accessible Games for Blind Children, Empowered by Binaural Sound

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

Simulation of photon-photon resonance enhanced direct modulation bandwidth of DFB lasers

Sustainable Design Studio 2014

Evaluating organizational commitment in support of organizational leadership

Assessment of student retention using the Evolute approach, an overview

A review study of photovoltaic array maximum power point tracking algorithms

Re-use of engineering design rationale in Finnish SME project based industry

Diffusion of innovation

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

Patterns for controlling chaos in a startup

Proceedings of VikingPLoP 2013 Conference

Proceedings of VikingPLoP 2012 Conference

Generalized hyperbolic harmonic functions in the plane

Tampereen matemaattisten aineiden aineenopettajakoulutus

Translated title of the contribution: : Mathematics and science subject teacher training at the University of Tampere

Visual Data Mining in Software Repositories: A Survey

360 panorama super-resolution using deep convolutional networks

Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction

Thermomechanical properties of overmold epoxies in MEMS packaging

The Effects of Initial Moisture on Damp Problems of a Timber Framed Wall Construction - a Numerical Approach

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

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

Distributed power allocation over indoor multi-pico stations

A Proposal of Decentralized Architecture for OKD-MES

On Moderate Inversion/Saturation Regions As Approximations to "Reconciliation" Model

Maximally Flat Property and Bandwidth Enhancing by Transfer Function Zeroes IEEE-NewCAS France

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

Optical amplifiers and lasers based on tapered fiber geometry for power and energy scaling with low signal distortion

Picosecond MOPA with ytterbium doped tapered double clad fiber

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

Optical fiber amplifier with spectral compression elements for high-power laser pulse generation

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

Suomen keraaminen seura - Keramiska sällskapet i Finland  
Translated title of the contribution: : Finnish Ceramic Society

Simultaneous binary hash and features learning for image retrieval

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

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

Surrogate modeling for initial rotational stiffness of welded tubular joints

Cold-formed RHS T joints with initial geometrical imperfections

Experimental moment resistance of rectangular hollow section T joints

Model-based cosimulation for industrial wireless networks

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

Multilag Frequency Estimation for High-Order BOC Signals in the Acquisition Stage

Assessing coupling dynamics from an ensemble of time series

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

Terrestrial LiDAR and 3D tree Quantitative Structure Model for quantification of aboveground biomass loss from selective logging in a tropical rainforest of Peru

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

Service Failure and Interruption Probability Analysis for Licensed Shared Access Regulatory Framework

Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access

Revisiting Social Media Tie Strength in the Era of Data Access Restrictions

Principles of designing for situation awareness

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

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

Random Value Impulse Noise Removal Based on Most Similar Neighbors

SimpleTree

An Efficient Open Source Tool to Build Tree Models from TLS Clouds

Oppivan organisaation kehittäminen osaavaksi organisaatioksi. Tapaustutkimus suomalaisessa teollisuusyrityksessä

Modeling of Age-Dependent Failure Tendency from Incomplete Data

Normalization of deviance in the construction industry, a managerial perspective

Site-controlled InAs Quantum Dots for Plasmonics

Photo-acoustic Spectroscopy of Resonant Absorption in III-V Semiconductor Nanowires

Automated pile transfer work cycles with a robotic wheel loader

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

Value Creation in Private Equity

A Case Study of Outperforming Buyouts in the Nordic Countries

On Polyglot Programming in the Web

Building energy retrofits, occupant health and wellbeing

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

Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin  
Translated title of the contribution: : Lean production and management: success, challenges and applicability in Finnish organizations

Long-term effects of purchasing: fact or fiction?



Power and wavelength scaling using semiconductor disk laser - bismuth fiber MOPA systems

Augmenting Technology Trees: Automation and Tool Support

Surrogate model for rotational stiffness of welded tubular Y-joints

The 13th Nordic Steel Construction Conference (NSCC.2015)

Kattavasti rivitaloista

Translated title of the contribution: : Terraced houses in Finland

Customer Perceived Value - A Key in Marketing of Integrated Solutions

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

Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella

Affective experiences and student engagement in higher education

Coopetition and company performance

The development curve of knowledge management practices: a ten year perspective from top50 Finnish enterprises

Pystytäänkö haitallisia ilmanvaihtovikoja havaitsemaan ja poistamaan

Energiatehokkuus on entistä enemmän sähkötehon hallintaa

Business intelligence process model revisited

Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen

Translated title of the contribution: : The impact of the added façade glazing on the building energy consumption in the southern Sweden

Lasitettujen parvekkeiden ja terassien käyttäytyminen tulipaloissa

Seinäjoen ydinkeskustan olennaiset kehitysvaiheet ja sen 1950 - 70-lukujen rakennusperinnön arvottamisperiaatteita

The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance

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

High Temperature Tension HSB Device Based on Direct Electrical Heating

DIC measurements of the human heart during cardiopulmonary bypass surgery

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

Transpositions and duals high-order tensors. On theory and applications in mechanics

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

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

ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien

On Predicting Video Quality Expectations of Mobile Users

Target tracking via combination of particle filter and optimisation techniques

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

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

The Workplace for Researchers – Enhancing Concentration and Face-to-face Interaction

Resilient Asset Management and Governance For deteriorating Water Services Infrastructure

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

On Detecting the Shape of an Unknown Object in an Electric Field

Winner-Does-Not-Take-All  
Selective Attention and Local Bias in Platform-Based Markets

Characteristics of Digital Hydraulics with Commercial Controllers

Theoretical 71-Concept Platform for Advancing Construction-related Business Management

Leveraging concepts for environmentally sustainable business management in construction - a focused review

Relevance of five generic business ideation approaches vis-a-vis contexts embedded within construction markets

Car Type Recognition with Deep Neural Networks

Suuren lämmöneristämättömän maanvastaisen alapohjan vaikutus rakennuksen energiankulutukseen

Demolition Rates of Buildings with Different Functions and Construction Materials

Demolished buildings  
Empirical evidence on types, ages and construction materials

Puu-Hubi  
Perinteestä uusiin innovaatioihin

Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen

Extending Professional Fields. Architectural Research and Regional Development

Future in wood? Timber construction in boosting local development.

Professional knowledge, skills and competencies of the new graduates and the engineering professionals - Comparison of the importance in working-life

Non-Instantaneous Polarization Dynamics in Resonant Dielectrics

Liikuntapalveluiden ulkoistaminen ja palveluiden turvallisuus. Nykytilanne ja kuntien kokemukset – Loppuraportti

Architecture for Open, Knowledge-Driven Manufacturing Execution System

Energy efficiency evaluation method for machine tools

Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation

Dots-on-the-fly electron beam lithography

Culture-Aware Web Information System Development

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

Recognising the culture context in information search

Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016  
June 6-10, 2016, Tampere, Finland.

Culture-Aware Web Information Systems in Dependence of Context

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

The role of the purchasing function in non-financial value creation

The role of performance measurement in supplier-buyer value-creation

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

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

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

Hiekkatekonurmipintaisten pesäpallokenttien ominaisuuksien muuttuminen ja elinkaari

CueSense: a Wearable Proximity-Aware Display Enhancing Encounters

Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa

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

Monitoring urban air quality with a diffusion charger based electrical particle sensor

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

Industrial impact on topics and types of Master's theses

Empirical study of software engineering theses made in 1990-2016

On the effect of damping on stability of non-conservative systems

Multi-site delamination analysis using virtual crack closure technique for a composite aircraft wing flap

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

Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa

Developing Learning and Teaching in Engineering Mathematics with and without Technology

Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta

Social media applications in external B2B transactions

An empirical analysis of the Finnish technology industry

Social Media in Business-to-Business Companies' Innovation

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

Sosiaalinen media brändi- ja asiakastiedon lähteenä

Reliability and Perceived Value of Sentiment Analysis for Twitter Data

Social Media Analytics Empowering Customer Experience Insight

Social media analytics empowering marketing insight- A framework for analyzing affective experiences from social media content

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

Who is who in Big Social Data?  
A Bibliographic Network Analysis Study

Co-creating digital services for citizens  
Activity theory analysis

Sata vuotta Suomen suurimmasta lavantautiepidemiasta

Valkea kaupunki, mustat vedet

How to benefit from learning logs in engineering education?

Vesi, ongelma ennen ja nyt?

Local narratives in the long term water conflicts  
Case of Turku Region in Finland

Editorial: Information to support decision-making

Sata vuotta vesihuoltoa Suomessa  
Translated title of the contribution: : One hundred years of water services in Finland

Vesihuollon haasteet Suomessa  
– saneerausvelka ja tutkimusresurssien puute ongelma  
Translated title of the contribution: : Challenges of water services in Finland : overdue upgrades and scanty research resources as problems

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

Towards Business Potential of Workplace Services in Finland

Fractional Ornstein-Uhlenbeck Processes

Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa

CEO 2015  
Proceedings of the 8th Nordic Conference on Construction Economics and Organization

Editorial

8th Nordic Conference on Construction Economics and Organization

Quality evaluation on of contractor's schedule for building renovation

MECSELS with direct emission in the 760 nm to 810 nm spectral range  
A single- and double-side pumping comparison and high-power continuous-wave operation

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

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

Automatization and stress analysis data of CoCr laser weld fatigue tests

Strengthening student engagement by integrating the contents of a flipped course around a well-confined real life theme

Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments

Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki

1180nm VECSEL with 50 W output power

50 W VECSEL emitting at 1180 nm

High-efficiency yellow VECSEL with 20 W output power

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

Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering

Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films

Quenching nematicon fluctuations via photo-stabilization

Multi-wavelength mid-IR light source for gas sensing

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

Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä

Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car

Some aspects of molecular physics in measuring tissue samples using enose for disease diagnostics

The New Era of Crowdsourcing — Industrial Crowdsourcing

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

Evaluation of visual object trackers on equirectangular panorama

Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle

Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking

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

Water services heritage and institutional diversity

Kohti tasapuolisempaa tutkimuksen arviointia

Pääkirjoitus

Translated title of the contribution: : Towards better balanced research assessment: Editorial

Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa

Translated title of the contribution: : The development of Finnish water services and doctrine in an international context

Computational wavelength resolution for in-line lensless holography

Phase-coded diffraction patterns and wavefront group-sparsity

Multiwavelength surface contouring from phase-coded diffraction patterns

A continuum damage model for creep fracture and fatigue analyses

Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa

Enhancement mechanisms for second-harmonic generation from metal nanostructures

Consensus building in the pre-design phase of building projects

Core Project Team As a Management Entity for Construction Projects

Bioimpedance measurement system for evaluation of the status of wound healing

Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan

Translated title of the contribution: : Scientific review: New methods for assessment and monitoring of chronic wounds

Long-term monitoring of acute wound healing from beneath the primary wound dressings

Experiences from development of security audit criteria

Model for efficient development of security audit criteria

Analysis on bus travel time through traffic light intersection

Alpha radiation induced luminescence in solar blind spectral region

New introductory courses and teacher tutoring  
Keys to an efficient beginning for university studies in engineering

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

Reinventing organisational creativity and innovation through adapting a service-based working culture

Re-inventing organizational creativity and innovation through adopting a service-based working culture

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

Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system

Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure

Inkjet printed metallic micropillars for bare die flip-chip bonding

Management and Planning Under Complexities of Metro Construction

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

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

Rational Number Knowledge Assessment and Training With a Game Competition

The Effects of Product Line Length on Firm Performance

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

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

Single exposure lensless subpixel phase imaging

Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory

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



Smart microphone sensor system platform

Active corrosion phase as a service life extension of concrete facades

Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla

Reinforcement Corrosion Modelling in Renovation Strategy for Concrete Facades

New mechanistic design approach for subgrade rutting of Low Volume Roads

Low-cost 3D lidar for the mapping of autonomous mobile work machine

Performance comparison of selected wired and wireless networks on chip architectures

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

The role of inorganics in modelling of biomass gasification

Postmodernismi Suomen rakennusperinnössä

Translated title of the contribution: : Postmodernism in the Finnish architectural heritage

Kangasala-talo

Vanhan kulttuuripitäjän uusi kulttuuritalo

Translated title of the contribution: : Kangasala-talo: A new house of culture for an old rural parish

Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina

Meeting of Vernacular and Modern Architecture in Urbino

Giancarlo De Carlo and reading of the context

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

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

Savukaasun NO<sub>x</sub>-päästöjen epäsuora monitorointi maakaasukäyttöisissä polttolaitoksissa

Monolithic GaInNAsSb/GaAs VECSEL emitting at 1550 nm

Single-mode 1180 nm GaInNAs/GaAs DBR laser diode for frequency doubling to 590 nm  
paper CB\_11\_4

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

Non-resonant enhancement of second-harmonic generation from metal nanoislands coated with dielectric layers

Perspective of Social Usability in the Change Processes of an Academic Workplace

Joustavat asuin ympäristöt  
10 visiota aikaa kestävään kaupunkiasumiseen

Matkalla joustaviin asuin ympäristöihin  
Translated title of the contribution: : On the way to adaptable residential environments

A unified lcf-hcf model based on continuum mechanics

Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla

Method of data compression for traffic monitoring

The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells

Printed and organic diodes: devices, circuits and applications

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

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

Handling exceptional situations in a distribution network congestion management algorithm

Roadmap towards the vision of the future power system and electricity market

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

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

Negotiating water governance: towards cooperation in contentious groundwater recharge projects

Bus Transportation Accessibility - Does It Impact Housing Values?

Towards better learning by increased student engagement

Education on the utilization of secondary materials in earthworks

Preparation and antimicrobial characterization of silver-containing packaging materials for meat

Triboelectric charging of fungal spores during resuspension and rebound

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

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

Measurements of particulates and gas phase precursors emissions from fresh ship plumes during the Big Glenn 2014 Campaign

Tampere University of Technology, laboratory of materials science, paper converting and packaging technology Tampere, Finland

Asuinhuoneistojen betonivälipohjien askelääneneristykseen subjektiivinen ja objektiivinen arviointi

Ilmaääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmaääneneristävyyden kuvaajina

Engelin teatterin huoneakustiikan mallintaminen

Rakenteiden ääneneristyskyvystä asumismelun kokemiseen

White Knights of the Smart City

Kohti kestäväää Skanssia

Towards a sustainable Skanssi

Orimattilan Henna

The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15 Proceedings

The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15 Abstracts

Lahdelma & Mahlamäki Architects: Works

Nanoscale barrier coating on BOPP packaging film by ALD

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

Novel equipment to simulate hot air heat sealability of packaging materials

Novel bio-based materials for active and intelligent packaging

Managing intellectual liabilities by service recovery

Engaging facts and feelings in management accounting practices

Electronic Exam in Electronics Studies

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

Barkhausen noise Potcore sensor simulations with Comsol

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

Multi-Objective Optimization of Fin Array Heat Sinks

Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää?

Recognition of shading events caused by moving clouds and determination of shadow velocity from solar radiation measurements

Mathematical Parametrisation of Irradiance Transitions Caused by Moving Clouds for PV System Analysis

Microrobotic system for multi-rate measurement of bio-based fibres Z-directional bond strength

Puuvälipohjien akustiset ominaisuudet

Linear and nonlinear light beam propagation in chiral nematic liquid crystal waveguides

Three-color vector nematicon

Abstracting Application Development for Resource Constrained Wireless Sensor Networks

Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta

Maanvastaisten seinien lämpö- ja kosteustekninen toiminta

Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset

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

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

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

Leadership instead of grading - The new goals of assessment

Natural Gas Engine Emission Reduction by Catalysts

Uusia tuulia Euroopasta

>8W GaInNAs VECSEL emitting at 615 nm

Rakennusten energiatehokkuuden parantamisen vaikutukset - Insulate-projektin tuloksia

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

Ventilation rates and CO<sub>2</sub>-levels before and after energy retrofit in Finnish apartment buildings

Muovipäällysteisten lattioiden vaurioituminen kosteuden vaikutuksesta

A dynamical quality model to continuously monitor software maintenance

Life Beyond the Binary Code  
Select Prose and Poetry

Simulation of ash-forming compounds in the kraft recovery boiler

Two patterns for minimizing human resources in a startup

Improving Recovery Boiler Availability through Understanding Fume Behavior

Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta

Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner

Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures

Measurements of impact force excitation on wooden floors

Finnish Round Robin Test on Airborne Sound Insulation

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

Numerically Efficient Flow Model for On/Off Valves

Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives

Real-time human pose estimation with convolutional neural networks

On service composition - dynamic formation and orchestration of service workflows

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

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

Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät

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

Wearable e-textile split ring passive UHF RFID tag: Body-worn performance evaluation

A Batteryless Semi-Passive RFID Sensor Platform

Massive Open Online Research  
An approach to deal with wicked problems

Capturing knowledge from research projects: From project reports to storytelling

Systematic literature review on customer emotions in social media

Social capital in hybrid governance - Case study in a global subcontracting process

Knowledge integration method development for multi-stakeholder innovation

Personality's effect on peer assessment ability in case method context

Voimalaitosten reaaliaikainen ympäristövaikutusten monitorointi

Social capital characteristics in RD project networks

STACK assignments in university mathematics education

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

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

Exploring effects of ecosystem clockspeed on product performance

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

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

Printed soft-electronics for remote body monitoring

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

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

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

Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa

Profitability of different li-ion batteries as back-up power in LVDC distribution network

The Company Democracy Model for the Development of Intellectual Human Capitalism for Shared Value

The World Innovation Stock Exchange- shared value for individuals, business and society

Decision making on sustainability in product development projects

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

Changes in operations when introducing disruptive technologies

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

Customized service solutions for project business

Project control toward lifecycle value at the front end of delivery projects

Service orientation and innovation in the strategies of manufacturing SMEs

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

Requirements from industrial internet for innovations in advanced industrial services

Lifecycle-oriented framing of value at the front end of infrastructure projects

Actors' agency in the routines of innovation project portfolio management

Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2)

Onnistumistekijät valtion tukemissa homekorjaushankkeissa

HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi  
Jatkotutkimus

Securing the flow of information in renovation projects  
Sustainable synergies from buildings to the urban scale

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

Advanced coatings by novel high-kinetic thermal spray processes

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

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

Economical utilization of high strength steel  
Welded slim floor box beams

Suunnittelutyökalu putkiristikoiden mitoitukseen ja optimointiin

Novel Method For Online Stereo Self-Calibration

Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes

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

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

User-driven development with scientific applied research - RFID-controlled physiogame case study

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

Real-Time Impedance-Based Stability Assessment of Grid Converter Interactions

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

Vaihdetta isommalle  
Pyöräilyn potentiaalin hyödyntäminen

Photometric stereo system for detailed analysis of material surfaces

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