

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

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

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

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

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

First principles prediction of the solar cell efficiency of chalcopyrite materials AgMX_2 (M=In, Al; X=S, Se, Te)

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

Automatization and stress analysis data of CoCr laser weld fatigue tests

Micro-parenchymal patterns for breast cancer risk assessment

Teacher's Perceptions and Readiness to Teach Coding Skills
A Comparative Study Between Finland, Mainland China, Singapore, Taiwan, and South Korea

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

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

Genesis of Water supply and sanitation services in Finland

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

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

Modelling the stressed skin effect by using shell elements with meta-material model

Towards low carbon economy - Green bond and asset development

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

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

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

Thermal and moisture properties of calcium silicate insulation boards

Biocaged nanofibrilated films and yarns via ionic liquids

Tuning plasmon induced reflectance with hybrid metasurfaces

Experimental moment resistance of rectangular hollow section T joints

Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan

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

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

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

In vitro characterization of arylhydrazones of active methylene derivatives

Cold-formed RHS T joints with initial geometrical imperfections

基于相位旋转的SCMA码本优化方法

Core Project Team As a Management Entity for Construction Projects

Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa

Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen

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

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

Electro-optic steering of random laser emission in liquid crystals

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

Sata vuotta vesihuoltoa Suomessa

Probabilistic Mapping of Human Visual Attention from Head Pose Estimation

Inkjet printed metallic micropillars for bare die flip-chip bonding

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

Comparative investigation of remote tracking devices for aging care

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

Natural Gas Engine Emission Reduction by Catalysts

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

Kactus2: A graphical EDA tool built on the IP-XACT standard

Editorial: Information to support decision-making

Julkaisun otsikon käännös: : Pääkirjoitus: Tietoa päätöksenteon tueksi

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

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

Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering

Effect of Laser Power on Yield of TiO₂ Nanoparticles Synthesized by Pulsed Laser Ablation in Water

Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures

Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa

Three-color vector nematicon

Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle

Securing the flow of information in renovation projects

Sustainable synergies from buildings to the urban scale

Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella

Image-based characterization of the pulp flows

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

Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles

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

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

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

Quenching nematic fluctuations via photo-stabilization

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

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

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

High efficiency dilute nitride solar cells
Simulations meet experiments

Target tracking via combination of particle filter and optimisation techniques

Surrogate modeling for initial rotational stiffness of welded tubular joints

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

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

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

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

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

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

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

Towards a Classification Schema for Development Technologies: an Empirical Study in the Avionic Domain

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

Distributed power allocation over indoor multi-pico stations

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

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

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

Acquisition of E5 Galileo signals in Matlab

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

Entropy of weighted graphs with Randić weights

Assessing coupling dynamics from an ensemble of time series

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

Relational Capital for Shared Vision in Innovation Ecosystems

Heat Loss Rate of the Finnish Building Stock

Management and Planning Under Complexities of Metro Construction

Human Factor in Time Management

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

Stirring the Construction Project Management with Co-creation and Continuous Improvement

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

Safety, Space and Structure Quality Requirements in Construction Scheduling

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

Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin

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

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

Resilient Asset Management and Governance For deteriorating Water Services Infrastructure

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

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

Kohti tasapuolisempaa tutkimuksen arviointia
Pääkirjoitus

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

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

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

Knowledge Management Practices in Large Companies

Design: A Key Stage of Product Lifecycle

Properties of entropy-based topological measures of fullerenes

Nano-structured optical fibers made of glass-ceramics, and phase separated and metallic particle-containing glasses

Printed and organic diodes: devices, circuits and applications

Vesi, ongelma ennen ja nyt?

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

Sata vuotta Suomen suurimmasta lavantautiepidemiasta

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Tools, pedagogical models, and best practices for digital storytelling

The use of mathematical modeling for the development of a low cost fuzzy gain schedule neutralization control system

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

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

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

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

icellfusion

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

Learning Maths with mobiles

Cross-cultural design of technology with experiences in South-Africa and Finland

Framework for optimization and scheduling of a copper production plant

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

On Polyglot Programming in the Web

Two models for hydraulic cylinders in flexible multibody simulations

Probabilistic Framework for Modelling the Evolution of Geomorphic Features in 10,000-Year Time Scale: The Eurajoki River Case

Functional model for organisational and safety culture

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The New Era of Crowdsourcing — Industrial Crowdsourcing

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

Townhouse-talotyypin rakennuskustannukset: kolmen suunnitteluratkaisun taloudellisuuden analysointi

Aluetehokkuuden kustannusvaikutukset

On service composition - dynamic formation and orchestration of service workflows

Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain

A Proposal of Decentralized Architecture for OKD-MES

Water services heritage and institutional diversity

Impact analysis of graph-based requirements models using PageRank algorithm

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Guidelines for improving the testing process of open source software

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Propagation dynamics of ultrabroadband terahertz beams with orbital angular momentum for wireless data transfer

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Green picosecond narrow-linewidth tapered fiber laser system

Jitter suppression in passive harmonic mode-locking fiber ring laser

All-fiber mode-locked laser at 0.98 μm

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

Continuous-wave optical parametric oscillators for mid-infrared spectroscopy

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Photonic realization and decoherence analysis

Charlie and the CryptoFactory

Towards Secure and Trusted Manufacturing Environments

Patterns for serverless functions (Function-as-a-Service)

A multivocal literature review

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Gamified coding

Toy robots and playful learning in early education

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

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Performance analysis of JPEG Pleno light field coding

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A decomposition framework based on process mining

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Adopting data-based advanced services

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Linking architecture, operating cost and revenue

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Case studies in transformation of traditional industries

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A Bibliographic Network Analysis Study

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Ten years later

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Empirical evidence on types, ages and construction materials

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Motivations, obstacles and success factors

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Radical programmes for developing the EU residential building sectors as exemplified by Finland and the Netherlands

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Strength increase below an old test embankment in Finland

Preliminary results from a study aiming to improve ground investigation data

The effect of climate change on the amount of wind driven rain on concrete facades

Enhancing the acceptance of advanced services among users of complex systems

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

Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa

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

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

Random Value Impulse Noise Removal Based on Most Similar Neighbors

Lean manufacturing methods in simulation literature
Review and association analysis

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

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

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

Multicarrier modulation for HF communications

Short range HF radio channel measurements: Search for one path channels

DIC measurements of the human heart during cardiopulmonary bypass surgery

Quantitative Estimation of Long-living Fluorescent Molecules from Temporal Fluorescence Intensity Data Corrupted by Nonzero-mean Noise

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

Analysis of Real Mobility Records in Urban and Suburban Environments

Extending Professional Fields. Architectural Research and Regional Development

Ventilation rates and CO₂-levels before and after energy retrofit in Finnish apartment buildings

Building energy retrofits, occupant health and wellbeing

Building Codes and Demand Response of Energy Use

Consensus building in the pre-design phase of building projects

Bus Transportation Accessibility - Does It Impact Housing Values?

Real Time Measurements of Temporal Rogue Waves and Spontaneous Modulation Instability in Optical Fiber

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

Characterising the industrial context of engineering change management

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

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

Multiaxial magneto-mechanical modelling of electrical machines with hysteresis

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

Backend infrastructure supporting audio augmented reality and storytelling

Enhancing old laboratory experiment using flipped learning
Towards self-regulating collaborative groups in blended learning environment

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

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

Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength

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

Computer vision aided navigation systems

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

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

Recognising the culture context in information search

Tag suggestions from social media profiles

A continuum damage model for creep fracture and fatigue analyses

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

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

Dots-on-the-fly electron beam lithography