

Vision-based path coordination for multiple mobile robots with four steering wheels using an overhead camera

Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength

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

Sub-100 fs pulse generation from a Tm,Ho
CALYO laser mode-locked by a GaSb-based SESAM at ~ 2043 nm

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

HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video

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

Benchmarking of several disparity estimation algorithms for light field processing

Vibration analysis of the composite slim floor

Two models for hydraulic cylinder

Two models for hydraulic cylinders in flexible multibody simulations

Multicarrier modulation for HF communications

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

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

Shared use of research laboratories Changing spatial concepts
A Case Study in a Finnish Biomedical Organization

Markov Chain Monte Carlo Estimation of Stochastic Volatility Models with Finite and Infinite Activity Lévy Jumps
Evidence for Efficient Models and Algorithms

Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation

Hierarchical deformable part models for heads and tails

An anisotropic continuum damage model for concrete

405-nm pumped Ce^{3+} -doped silica fiber for broadband fluorescence from cyan to red

Switchable unidirectional second-harmonic emission through GaAs nanoantennas

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

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In-band-pumped mode-locked Ho:YAG ceramic laser at 2.1 μm

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

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

Practice of project control under different levels of complexity in engineering projects

Managing different types of changes during the lifecycle of a complex delivery project

Knowledge barriers in university-industry knowledge networks

Knowledge management practices to overcome network-level knowledge barriers: an artificial intelligence powered literature review

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

Emotion measurement services for knowledge workers

Performance management practices in construction business - a service recovery perspective

Action recognition using the 3D dense microblock difference

New tools to help in the recruitment process

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Simulation studies of DFB laser longitudinal structures for narrow linewidth emission

New value chains to construction: advancing products and services

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

Projektioppiminen yläkoulun matematiikassa

Projektityöskentelyn kehittäminen yläkoulun matematiikan opetuksessa

Embroidered antennas and antenna-electronics interfaces for wearable RFID tags

Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

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Uusi Rakennusfysiikan käsikirja - perustiedot rakennusfysikaalisesta suunnittelusta ja tutkimuksista

Uusi Rakennusfysiikan käsikirja

Rakennusten rakennusfysikaalisen suunnittelun ja toteutuksen periaatteet

The behaviour of transverse bar reinforcement of slim floor beams in precast floors

Feasibility of electric buses in public transport

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

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

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

Heat Loss Rate of the Finnish Building Stock

Life-Cycle Economics of Rentable Prefabricated School Facility Units in Municipal Real Estate Procurement

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

1180 nm GaInNAs quantum well based high power DBR laser diodes

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

Electrostatic Threats in Hospital Environment

Benchmarking of Factory Level ESD Control

Uncertainties in Charge Measurements of ESD Risk Assessment

Charge relaxation of slowly dissipative polymers

Electrostatic discharge characteristics of conductive polymers

Qualification challenges of footwear and flooring systems

Probabilistic Mapping of Human Visual Attention from Head Pose Estimation

Model-Driven Development of Control Applications
On Modeling Tools, Simulations and Safety

A computationally feasible optimization approach to inverse SAR translational motion compensation

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

Effects of adiabatic heating estimated from tensile tests with continuous heating

The Role of Customer Experience in Value Creation in Business-to-Business Context

Knowledge Management Practices in Large Companies

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

Knowledge Management operationalization – how it differs in large enterprises and SMEs in Finland

Why don't one maximizes database utilization in product and service development in manufacturing?

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

Identifying and measuring customer value - case multi-locational worker

Balancing Expectations to the Health Software Production Process Standard

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

Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen

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

Customers' conscious experience in a coffee shop

Proactive vision for strategy making

Utilizing knowledge networks in virtual or augmented reality solution creation

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

MathCheck: a tool for checking math solutions in detail

The logics taught and used at high schools are not the same

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

Enhancing the acceptance of advanced services among users of complex systems

Ready to sell? Requirements for promoting service selling in a manufacturing firm

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

Learning maths with mobiles

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

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

Learning Maths with mobiles

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

Continuous-wave optical parametric oscillators for mid-infrared spectroscopy

Characterizing the Context of Use in Mobile Work

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

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

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

Transverse structure optimization of laterally-coupled ridge waveguide DFB lasers

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Green picosecond narrow-linewidth tapered fiber laser system

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

Laser Scanning Tasks of Building Refurbishment Project

Nanocellulose as a Piezoelectric Material

Infinitesimals and Pavelka logic

Tunable nonlinear effects through focused spatially phase-shaped beams

Tunable second-harmonic generation in a single nanostructure

Use of high-order beams to calibrate spatial light modulators for microscopy

Laastien vedenimukertoimen määrittämisen virhelähdekokeet

Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen

Suomessa markkinoilla olevien kalsiumsilikaattilevyjen rakennusfysikaaliset materiaaliominaisuudet

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

Thermal and moisture properties of calcium silicate insulation boards

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MYSTERY SHOPPERS RECOGNISING KNOWLEDGE SHARING BARRIERS IN HIGHER EDUCATION

University Students' Perceptions of Academic Writing: An Academic Literacies Perspective

High efficiency dilute nitride solar cells
Simulations meet experiments

Students as mystery shoppers
lowering knowledge sharing barriers in higher education

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

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

Sub-parts-per-trillion sensitivity in trace gas detection by cantilever-enhanced photo-acoustic spectroscopy

Lean manufacturing methods in simulation literature
Review and association analysis

Calcium signaling in astrocytes: modeling Fura-2AM measurements

Dynamics of rogue wave and soliton emergence in spontaneous modulation instability

Breathers Emergence in Spontaneous Modulation Instability

Intensity Interferometry of Supercontinuum Light

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

Intracavity double diode structures with GaInP barrier layers for thermophotonic cooling

Finite temperature path-integral modeling of quantum dot cellular automata

Optimization of high strength steel tubular trusses

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

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

Energiätehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa

Moisture and building processes in Finland

Puukerrostalorakentamisen kosteudenhallinta

Management accounting and new service development under servitization: literature review and case studies

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

Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun

Beaconing in a highway scenario
Vulnerable vehicles problem

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

On the threshold based neuronal spike detection, and an objective criterion for setting the threshold

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

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

Field Collapse Event ESD Test Method

ESD Sensitivity of 01005 Chip Resistors and Capacitors

The effect of USB ground cable and product dynamic capacitance on IEC61000-4-2 qualification

ESD and Disturbance Cases in Electrostatic Protected Areas

Charged cable-system ESD event

Are Finns walking the talk?

Examining the national collaboration process on engineering education for sustainable development five years later

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

Learning for sustainable water and sanitation services

The Web as a software platform

Ten years later

Web User Interface Implementation Technologies: An Underview

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

Architectural patterns for microservices

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From monolithic systems to microservices

A decomposition framework based on process mining

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A multivocal literature review

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

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On the Socio-Technical Dependencies in Free/Libre/Open Source Software Projects

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Network archetypes in the network formation phase - case new market entry of Finnish maritime network

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Framework for optimization and scheduling of a copper production plant

Power bases in lead organization network governance form: a multi-level approach

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Revisiting technological depths and breadths effects on firm performance: the case of pharmaceutical industry

Task-setting strategies for hackathon goal achievement in industrial intra-organizational innovation

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Agile methods in performance management system development process

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Case depth prediction of nitrided components

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

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Optimizing investment in ESD control

Second-harmonic generation from thermally-evaporated indium selenide thin films

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A Semantic Meta-Model Repository for Lightweight M2M

Enabling cybersecurity incident reporting and coordinated handling for maritime sector

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Toward Manageable Data Sources

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

The effect of physical adhesion promotion treatments on interfacial adhesion in cellulose-epoxy composite

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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

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

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基于相位旋转的SCMA码本优化方法

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

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

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

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Circularly Polarized Textile Antenna For 2.45 GHz

An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing

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

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

Temperature Effect on Breakdown Performance of Insulating Polymer Thin Films

Disruptive innovation in ecosystems: Path-creation and institutional barriers

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Clean Components of Fluid Power System Reduce Maintenance Costs

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On the prospects of full-duplex military radios

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Implementing of Activating Learning Strategy for a Course on Electric Drives

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

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Referenced backscattering compression level indicator based on passive UHF RFID tags

Revisiting gray pixel for statistical illumination estimation

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Enhancing old laboratory experiment using flipped learning

Towards self-regulating collaborative groups in blended learning environment

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Praxes in new cell-oriented configurable PC-classroom

Protective Spinel Coatings for Solid Oxide Fuel Cell Interconnectors by Thermal Spray Processes
From Conventional Dry Powder to Novel Solution Precursor Thermal Spraying

Challenges Facing BIM Education
Development of Appropriate Teaching and Learning Resources

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

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Theory driven design and real proto typing of biomass pyrolytic stove

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Model-Based Approach for Change Propagation Analysis in Requirements

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Crossing Boundaries for Learning – through Technology and Human Efforts

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

Elementary math to close the digital skills gap

LTE indoor MIMO performances field measurements

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Towards low carbon economy - Green bond and asset development

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LTE Performance Analysis Using Queuing Systems with Finite Resources and Random Requirements

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

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

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Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos

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Modelling and Simulation of Radial Spruce Compression to Optimize Energy Efficiency in Mechanical Pulping

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Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm

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Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes

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Sustainable synergies from buildings to the urban scale