

Calcium signaling in astrocytes: modeling Fura-2AM measurements

Beaconing in a highway scenario
Vulnerable vehicles problem

Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages

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

Smart microphone sensor system platform

High-efficiency yellow VECSEL with 20 W output power

Integration of evaluation and simulation methods for virtual prototypes

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

Model-Based Approach for Change Propagation Analysis in Requirements

Moduulirakentaminen
Teräskennoteknologian mahdollisuudet

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Theory driven design and real proto typing of biomass pyrolytic stove

Theory driven design and real prototyping of biomass pyrolytic stove

Kids Out!
Urban environments and physical activity among children and adolescents

OSS-TMM
Guidelines for improving the testing process of open source software

Impact analysis of graph-based requirements models using PageRank algorithm

Automated Tonal Balance Enhancement for Audio Mastering Applications

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

EMCCD imaging of strongly ionizing radioactive materials for safety and security

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

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

Automated driving and the key megatrends of future

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

Contact analysis included in a 3D FEA of tube splices

Crossing Boundaries for Learning – through Technology and Human Efforts

Design: A Key Stage of Product Lifecycle

Economical utilization of high strength steel
Welded slim floor box beams

Electrostatic Threats in Hospital Environment

ESD Sensitivity of 01005 Chip Resistors and Capacitors

Field Collapse Event ESD Test Method

Kävelystä elinvoimaa

Knowledge Management Practices in Large Companies

Kohti kestäväää Skanssia

Lahdelma & Mahlamäki Architects: Works

Life Beyond the Binary Code
Select Prose and Poetry

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Modeling of Age-Dependent Failure Tendency from Incomplete Data

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

Optimization of high strength steel tubular trusses

Optimizing investment in ESD control

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Product Upgradability
Towards a Medical Analogy

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

Systemic Sustainability and Emerging Diversity of Shopping Concepts in Urban Multi-Agent Networks
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The behaviour of transverse bar reinforcement of slim floor beams in precast floors

Towards a sustainable Skanssi

Vaihdetta isommalle
Pyöräilyn potentiaalin hyödyntäminen

Vibration analysis of the composite slim floor

White Knights of the Smart City

Patterns for controlling chaos in a startup

Two patterns for minimizing human resources in a startup

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

BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds

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

The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells

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

Massive Open Online Research
An approach to deal with wicked problems

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

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

1180nm VECSEL with 50 W output power

50 W VECSEL emitting at 1180 nm

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

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

A computationally feasible optimization approach to inverse SAR translational motion compensation

Acquisition of E5 Galileo signals in Matlab

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

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

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

A model for anisotropic magnetostriction

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

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An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing

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A Proposal of Decentralized Architecture for OKD-MES

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Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun

Assessing coupling dynamics from an ensemble of time series

Assessment of student retention using the Evolute approach, an overview

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Customers' conscious experience in a coffee shop

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

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

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

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

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Effect of active damping on the output impedance of PV inverter

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Emotion measurement services for knowledge workers

Energy efficiency evaluation method for machine tools

Engaging facts and feelings in management accounting practices

Enhancement mechanisms for second-harmonic generation from metal nanostructures

Entropy of weighted graphs with Randić weights

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

Evaluating organizational commitment in support of organizational leadership

Experimental demonstration of temporal ghost imaging

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

Extreme Nonlinear Signal Amplification

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

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

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

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

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

>8W GaInNAs VECSEL emitting at 615 nm

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

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

Heat Loss Rate of the Finnish Building Stock

Hiekkatekonurmipintaisten pesäpallokenttien ominaisuuksien muuttuminen ja elinkaari

High Temperature Tension HSB Device Based on Direct Electrical Heating

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HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi
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How to co-learn in campus.

Human Factor in Time Management

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

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

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

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

Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source

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

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Managing Cultural Knowledge in Project Execution

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

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Giancarlo De Carlo and reading of the context

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

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New tools to help in the recruitment process

Non-Instantaneous Polarization Dynamics in Resonant Dielectrics

Novel Method For Online Stereo Self-Calibration

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On service composition - dynamic formation and orchestration of service workflows

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Perinteestä uusiin innovaatioihin

Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen

Quantification of the ionic current contributions to alterations in the action potential repolarization by means of piecewise-linear approximation

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Recent progress in wafer-fused VECSELS emitting in the 1310 nm waveband

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Remarks on characterization of bent functions in terms of gibbs dyadic derivatives

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Temperature Effect on Breakdown Performance of Insulating Polymer Thin Films

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Selective Attention and Local Bias in Platform-Based Markets

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

Characteristics of Digital Hydraulics with Commercial Controllers

Numerically Efficient Flow Model for On/Off Valves

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

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A case in home automation

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Composite Nonlinear Feedback Control of a Chemical Reactor

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Matkalla joustaviin asuin ympäristöihin

On improvement of transient stage of composite nonlinear feedback control using arbitrary order set point filters

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

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Meeting radical change: SMEs and innovation capabilities and strategic foresight

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Regular Versus Tapered Fibers

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

Accessible Games for Blind Children, Empowered by Binaural Sound

Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes

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

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

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Augmenting Technology Trees: Automation and Tool Support

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

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

Personal constructs concerning safety and atmosphere

Standardizing the service delivery system for repetitive industrial services

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

Use of equipment lifecycle data in industrial services

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Engelin teatterin huoneakustiikan mallintaminen

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Risk Assessment of Major Storm Situation in Distribution System

Coopetition and company performance

Hard Rock (- ei Hallelujah, vaan) Tribology

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Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems

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

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Compensation of PV generator output power fluctuations with energy storage systems

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

Building new computational models to support health behavior change and maintenance
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Protective Spinel Coatings for Solid Oxide Fuel Cell Interconnectors by Thermal Spray Processes
From Conventional Dry Powder to Novel Solution Precursor Thermal Spraying

Circularly Polarized Textile Antenna For 2.45 GHz

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Benchmarking of Factory Level ESD Control

ESD and Disturbance Cases in Electrostatic Protected Areas

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

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Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä

Enterprise architecture as strategy, practice, or approach

By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta

Energiatehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa

Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki

Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen

Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen

Laastien vedenimukertoimen määrittämisen virhelähdekoheet

Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllä

Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta

Onnistumistekijät valtion tukemissa homekorjaushankkeissa

Pystytäänkö haitallisia ilmanvaihtovikoja havaitsemaan ja poistamaan

Raudotteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla

Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja

Uusi Rakennusfysiikan käsikirja - perustiedot rakennusfysikaalisesta suunnittelusta ja tutkimuksista

ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien

Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla

Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta

Puuväli- ja akustiset ominaisuudet

Value Creation in Private Equity
A Case Study of Outperforming Buyouts in the Nordic Countries

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

Fractional Ornstein-Uhlenbeck Processes

Social Media in Business-to-Business Companies' Innovation

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

MYSTERY SHOPPERS RECOGNISING KNOWLEDGE SHARING BARRIERS IN HIGHER EDUCATION

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

Organic Chromophores in Self-Assembled Monolayers and Supramolecular Arrays

What Engineering Scientists Know and How They Know It
Towards Understanding the Philosophy of Engineering Science in Finland

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

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

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

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

Platform Competences to Enhance Network Effects in Business Ecosystems

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

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

Method of data compression for traffic monitoring

Turvallisuuden johtajat - Esimiesten johtajuus, osaaminen ja sitoutuminen

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

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

A continuum damage model for creep fracture and fatigue analyses

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

Agile methods in performance management system development process

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

Analysis of Real Mobility Records in Urban and Suburban Environments

A new waveguiding mechanism based upon geometric phase

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

A unified lcf-hcf model based on continuum mechanics

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

Backend infrastructure supporting audio augmented reality and storytelling

Benefits of digitally guided buying in B2B markets

Building Codes and Demand Response of Energy Use

Building energy retrofits, occupant health and wellbeing

Bus Transportation Accessibility - Does It Impact Housing Values?

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

Characterising the industrial context of engineering change management

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

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

Computer vision aided navigation systems

Consensus building in the pre-design phase of building projects

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

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

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

DIC measurements of the human heart during cardiopulmonary bypass surgery

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

Diffraction compensation of finite beams in hyperbolic metamaterials

Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability

Dots-on-the-fly electron beam lithography

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

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

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

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

Extending Professional Fields. Architectural Research and Regional Development

Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength

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

Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings

Functional model for organisational and safety culture

Future in wood? Timber construction in boosting local development.

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

High efficiency dilute nitride solar cells
Simulations meet experiments

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

High-temperature sliding wear behaviour of thermally sprayed Cr₃C₂-based coatings

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

How to benefit from learning logs in engineering education?

Identifying and measuring customer value - case multi-locational worker

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

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