**Pointing and Selecting with Facial Activity**
Tuisku, O., Rantanen, V., Spakov, O., Surakkia, V. & Lekkala, J. Jan 2016 In : Interacting with Computers. 28, 1, p. 1-12
Research output: Scientific - peer-review › Article

**A Case Study on Participatory Approach to Support Shift to Experience Design of Work Tools in B2B Context**
Research output: Scientific - peer-review › Conference contribution

**Digital storytelling promoting twenty-first century skills and student engagement**
Niemi, H. & Multisilta, J. 2016 In : Technology, Pedagogy and Education. 25, 4, p. 451-468
Research output: Scientific - peer-review › Article

**Embedded Linux Controlled Sensor Network**
Research output: Scientific - peer-review › Conference contribution

**Enabling Centralised Management of Local Sensor Data Refinement in Machine Fleets**
Research output: Scientific - peer-review › Conference contribution

**Exploring ScrumBut—An empirical study of Scrum anti-patterns**
Research output: Scientific - peer-review › Article

**How to Evaluate the Social Effects and User Experience of Systems Enhancing Collocated Interactions?**
Research output: Professional › Conference contribution

**Instrumentation-Driven Validation of Dataflow Applications**
Research output: Scientific - peer-review › Article

**Mobile Interactions Augmented by Wearable Computing: a Design Space and Vision**
Research output: Scientific - peer-review › Article

**Private cloud deployment model in open-source mobile robots ecosystem**
Research output: Scientific - peer-review › Conference contribution

**Software Developers as Users: Developer Experience of a Cross-Platform Integrated Development Environment**
Research output: Scientific - peer-review › Conference contribution
Towards Agile Enterprise Data Warehousing
Research output: Scientific - peer-review › Conference contribution

Context Awareness for Navigation Applications
Research output: Collection of articles › Doctoral Thesis

Dual-Mode Congestion Control Mechanism for Video Service
Research output: Scientific - peer-review › Conference contribution

Priority Queue Classes with Priority Update
Research output: Scientific - peer-review › Conference contribution

Rapid Customization of Image Processors Using Halide
Research output: Scientific - peer-review › Conference contribution

Editorial: is Game-Based Math Learning Finally Coming of Age?
Kiili, K., Devlin, K. & Multisilta, J. 8 Dec 2015 In : International Journal of Serious Games. 2, 4, 4 p., 1
Research output: Scientific › Editorial

Improving Code Density with Variable Length Encoding Aware Instruction Scheduling
Research output: Scientific - peer-review › Article

Integer Linear Programming-Based Scheduling for Transport Triggered Architectures
Research output: Scientific - peer-review › Article

Large-Scale Water Simulation in Games
Kellomäki, T. 4 Dec 2015 Tampere University of Technology. 91 p. (Tampere University of Technology. Publication; vol. 1354)
Research output: Collection of articles › Doctoral Thesis

Istujat liikkumaan!
Ahtinen, A. Dec 2015 In : Tampeereen Kauppakamarilehti. 6, p. 8 1 p.
Research output: General public › Comment/debate

Survey and evaluation of neural computation models for bio-integrated systems
Research output: Scientific - peer-review › Review Article
"Free" Innovation Environments: Lessons learned from the Software Factory Initiatives
Research output: Scientific - peer-review › Conference contribution

Integrating UX Work in Agile Enterprise Software Development
Kuusinen, K. 6 Nov 2015 Tampere University of Technology. 296 p. (Tampere University of Technology. Publication; vol. 1339)
Research output: Collection of articles › Doctoral Thesis

MergeTree: a HLBVH Constructor for Mobile Systems
Research output: Scientific - peer-review › Conference contribution

Refactoring - a Shot in the Dark?
Research output: Scientific - peer-review › Article

Exercise apps cure the sitting disease
Ahtinen, A. 21 Oct 2015 In : Interface: Science Magazine. 2
Research output: General public › Comment/debate

LOGDIG Log File Analyzer for Mining Expected Behavior from Log Files
Research output: Scientific - peer-review › Conference contribution

Semantics analyzing expression editors in IP-XACT design tool Kactus2
Research output: Scientific - peer-review › Conference contribution

Collecting issue management data for analysis with a unified model and API descriptions
Research output: Scientific - peer-review › Conference contribution

ICDO: Integrated Cloud-based Development Tool for DevOps
Research output: Scientific - peer-review › Conference contribution

Decision-Making Framework for Refactoring
Research output: Scientific - peer-review › Conference contribution

Mobile Applications to Support Physical Exercise - Motivational Factors and Design Strategies
Ahtinen, A. 2 Oct 2015 Tampere University of Technology. 138 p. (Tampere University of Technology. Publication; vol. 1318)
Research output: Collection of articles › Doctoral Thesis
Visualizing Big Data with Augmented and Virtual Reality: Challenges and Research Agenda
Research output: Scientific - peer-review › Review Article

Global vs. Local - Experiences from a Distributed Software Project Course Using Agile Methodologies
Research output: Scientific - peer-review › Conference contribution

Suomalaisen digitaalisen television aikakausi on huomattavasti monipuolisempi
Research output: Scientific › Article

Continuous User Experience Development
Research output: Scientific - peer-review › Conference contribution

Task allocation between UX specialists and developers in agile software development projects
Research output: Scientific - peer-review › Conference contribution

The Next Level of User Experience of Cloud Storage Services: Supporting Collaboration with Social Features
Research output: Scientific - peer-review › Conference contribution

Augmenting Technology Trees: Automation and Tool Support
Research output: Scientific - peer-review › Conference contribution

Unified Model for Software Engineering Data
Research output: Scientific - peer-review › Conference contribution

Overcoming challenges in agile user experience work: Cross-case analysis of two large software organizations
Research output: Scientific - peer-review › Conference contribution

Surveys of daily information security of citizens in Finland
Research output: Scientific - peer-review › Conference contribution

Understanding the most influential user experiences in successful and unsuccessful technology adoptions
Research output: Scientific - peer-review › Article

Mashing Up Software Issue Management, Development, and Usage Data
Gathering useful programming data; Analysis and insights from real-time collaborative editing

Data Intensive Computing: From Modeling to Implementation

Collaborative cloud-based management of home networks

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

Inviting the Audience: – Interactive, Participatory, and Social Television in Finland

Embedded Multi-Core Systems Dedicated to Dynamic Dataflow Programs

On the Socio-Technical Dependencies in Free/Libre/Open Source Software Projects
Syeed, M. M. M. 29 May 2015 Tampere University of Technology. (Tampere University of Technology. Publication; vol. 1300)

Efficient Use of Teaching Technologies with Programming Education
Ahoniemi, T. 28 May 2015 Tampere University of Technology. 133 p. (Tampere University of Technology. Publication; vol. 1301)

Techniques and Practices for Software Architecture Work in Agile Software Development
Eloranta, V-P. 8 May 2015 Tampere University of Technology. 153 p. (Tampere University of Technology. Publication; vol. 1293)

Towards Open Data for Personal Web Tasking

From the Internet of Things to the Internet of People
Benefits for supplier and customer with the help of logged usage data
Research output: Professional › Chapter

Characterizing Context of Use in Mobile Work
Research output: Professional › Conference contribution

Characterizing the Context of Use in Mobile Work
Research output: Scientific - peer-review › Conference contribution

Cloud Technologies for the Internet of Things: Defining a Research Agenda Beyond the Expected Topics
Research output: Scientific - peer-review › Conference contribution

Code Density and Energy Efficiency of Exposed Datapath Architectures
Research output: Scientific - peer-review › Article

Collaboration, distribution and culture - challenges for communication
Research output: Scientific - peer-review › Conference contribution

Content Sharing Building Social User Experiences
Research output: Scientific - peer-review › Conference contribution

Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools
Research output: Scientific - peer-review › Article

Cross-cultural issues in working with users in the design of interactive systems
Research output: Scientific - peer-review › Conference contribution

CueSense: a Wearable Proximity-Aware Display Enhancing Encounters
Research output: Scientific - peer-review › Conference contribution

Cultural influence on online community use: A cross-cultural study on online exercise diary users of three nationalities
Research output: Scientific - peer-review › Article
Culture-Aware Web Information System Development
Research output: Scientific - peer-review › Conference contribution

Data collector service - practical approach with embedded Linux
Research output: Scientific - peer-review › Conference contribution

Data Correction for Seven Activity Trackers based on Regression Models
Research output: Scientific - peer-review › Conference contribution

Data driven ecosystem - Perspectives and problems
Research output: Scientific - peer-review › Conference contribution

Defining Metrics for Continuous Delivery and Deployment Pipeline
Research output: Scientific - peer-review › Conference contribution

Delayed key exchange for constrained smart devices
Research output: Scientific - peer-review › Conference contribution

Designing an Unobtrusive Analytics Framework for Monitoring Java Applications
Research output: Scientific - peer-review › Conference contribution

Designing Mobile Devices Encouraging and Supporting Collocated Interactions
Research output: Scientific - peer-review › Conference contribution

Design Patterns for Model-Driven Development
Research output: Scientific - peer-review › Article

Developing Novel Services for the Railway Station Area through Experience-Driven Design
Research output: Scientific - peer-review › Article

Do we know how difficult the rainfall problem is?
From Apps to Liquid Multi-Device Software
Research output: Scientific - peer-review › Article

From Mobile to Wearable: Using Wearable Devices to Enrich Mobile Interaction
Research output: Scientific - peer-review › Conference contribution

Getting started with the experience design process
Research output: Professional › Chapter

Guest Editor: Special Issue on Advances in Tools, Techniques and Practices for Multimedia QoE
Research output: Scientific - peer-review › Anthology

High-Level Synthesis Design Flow for HEVC Intra Encoder on SoC-FPGA
Research output: Scientific - peer-review › Conference contribution

Identiteetin- ja pääsynhallinta
Linden, M. 2015 Tampere University of Technology. 66 p. (Tampere University of Technology. Department of Pervasive Computing. Report; vol. 6)
Research output: Professional › Commissioned report

Increasing user and customer understanding through rapid ethnography in emerging markets
Research output: Professional › Chapter

Indoor Localization Methods Using Dead Reckoning and 3D Map Matching
Research output: Scientific - peer-review › Article

In Search of the Emotional Design Effect in Programming
Research output: Scientific - peer-review › Conference contribution

Interaction and humans in internet of things
Research output: Scientific - peer-review › Conference contribution

Internal Marketplace as a Mechanism for Promoting Software Reuse
Research output: Scientific - peer-review › Conference contribution
Pattern recognition with Spiking Neural Networks: a simple training method
Research output: Scientific - peer-review › Conference contribution

Patterns for Distributed Machine Control Systems
Research output: Scientific - peer-review › Conference contribution

Perceived Impacts as User Experience Components in Mobile News Making with Smartphones
Research output: Scientific - peer-review › Chapter

Phishing knowledge based user modelling in software design
Research output: Scientific - peer-review › Conference contribution

Pluggable Systems as Architectural Pattern: An Ecosystemability Perspective
Research output: Scientific - peer-review › Conference contribution

pocl: A Performance-Portable OpenCL Implementation
Research output: Scientific - peer-review › Article

Proceedings of the 25th International Conference on Information Modelling and Knowledge Bases (EJC 2015), 8-12 June, 2015, Maribor, Slovenia
University of Maribor, Faculty of Electrical Engineering and Computer Science.
Research output: Scientific - peer-review › Anthology

Project- and product-oriented course
Research output: Scientific - peer-review › Conference contribution

Requirements, Architecture, and Quality in a Mission-Critical System: 12 Lessons Learned
Research output: Scientific - peer-review › Conference contribution

Rolling Out a Mission Critical System in an Agilish Way: Reflections on Building a Large-Scale Dependable Information System for Public Sector
Research output: Scientific - peer-review › Conference contribution

Service Architecture and Interface Design for Mobile Machine Parameter Optimization System
Smartphones as Personal Profile Providers: Enhancing Mobile App Architectures

Social Displays on Mobile Devices: Increasing Collocated People’s Awareness of the User’s Activities

Sosiaalinen media ja digitalisaatio

Spicing Up Open Source Development with a Touch of Crowdsourcing

Supplier’s Expectations on Usage Data Analytics of Complex Industrial Systems

Teaching Distributed Agile Development to Software Professionals: A Flexible Approach

Techniques for Genetic Software Architecture Design

Technologies for databases change management

The Fuzzy Front End of Experience Design: Workshop Proceedings

The Fuzzy Front End of Experience Design: Eliciting and Communicating Experience Goals
The Social Developer – Now, Then, and Tomorrow
Research output: Scientific - peer-review › Conference contribution

The spatial presence experience scale (SPES): A short self-report measure for diverse media settings
Research output: Scientific - peer-review › Article

Three Dimensional Volume Managers Replacing Window Managers in Augmented Reality Application Paradigm
Research output: Scientific - peer-review › Conference contribution

To UML or not to UML? – Empirical Study on the Approachability of Software Architecture Diagrams
Research output: Scientific - peer-review › Conference contribution

Towards an ideal software engineering project course
Research output: Scientific - peer-review › Conference contribution

Towards blended learning: A case study
Research output: Scientific - peer-review › Conference contribution

Towards Deeper Understanding of User Experience with Ubiquitous Computing Systems: Systematic Literature Review and Design Framework
Research output: Scientific - peer-review › Conference contribution

Towards liquid web applications
Research output: Scientific - peer-review › Conference contribution

Towards Post-Agile Development Practices Through Productized Development Infrastructure
Research output: Scientific - peer-review › Conference contribution

User experience and usability in complex systems 2010-2015: Final report 1/2015
Research output: Professional › Commissioned report
User experience goals as a guiding light in design and development – Early findings
Research output: Scientific - peer-review › Conference contribution

User Experience of Digital News: Two Semi-long Term Field Studies
Research output: Scientific - peer-review › Conference contribution

User Experience of Mobile Proximity-Based Applications for Playful Social Interaction
Research output: Scientific - peer-review › Conference contribution

Using video games to combine learning and assessment in mathematics education
Kiili, K., Devlin, K., Perttula, A., Tuomi, S. & Lindstedt, A. 2015 In : International Journal of Serious Games. 2, 4
Research output: Scientific - peer-review › Article

UX sensors - Understanding the UX of complex systems through usage analysis
Research output: Professional › Chapter

UX work in startups: Current practices and future needs
Research output: Scientific - peer-review › Conference contribution

Vibrotactile Stimulation as an Instructor for Mimicry-Based Physical Exercise
Research output: Scientific - peer-review › Article

W2E - Wellness Warehouse Engine for Semantic Interoperability of Consumer Health Data
Research output: Scientific - peer-review › Article

Ways to Cross the Rubicon: Pivoting in Software Startups
Research output: Scientific - peer-review › Conference contribution

Ways to measure spatial presence: Review and future directions
Research output: Scientific - peer-review › Chapter

WHIRLBOB, the Whirlpool Based Variant of STRIBOB
Maximizing Product Value: Continuous Maintenance

The fuzzy front end of experience design

Capacitive Facial Activity Measurement
Rantanen, V. 26 Sep 2014 Tampere: Tampere University of Technology. 50 p. (Tampere University of Technology. Publication; no. 1235)

Lightweight Evaluation of Software Architecture Decisions

Integrating mobile learning, digital storytelling and social media in vocational learning

Patterns for controlling chaos in a startup

Two patterns for minimizing human resources in a startup
Leppänen, M. 10 Apr 2014 VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP) . ACM, 4

Prediction models and techniques for Open Source Software projects: A systematic literature review

Action-based visualization

Adaptive Activity and Environment Recognition for Mobile Phones

A High Throughput LDPC Decoder using a Mid-range GPU

Research output: Scientific - peer-review › Conference contribution

Are visualization tools used in programming education?: by whom, how, why, and why not?

Research output: Scientific - peer-review › Conference contribution

Assessing Dog's experience in ACI

Research output: Scientific - peer-review › Conference contribution

At the Edge of the Cloud: Improving the Coordination of Proactive Social Devices

Research output: Scientific - peer-review › Conference contribution

A User Study: Is the Advection Step in Shallow Water Equations Really Necessary?

Research output: Scientific - peer-review › Conference contribution

Automated Creation of Mobile Video Remixes: User Trial in Three Event Contexts

Research output: Scientific - peer-review › Conference contribution

Automatic Crash Detection for Motor Cycles

Research output: Scientific - peer-review › Conference contribution

Axe UX: Exploring Long-Term User Experience with iScale and AttrakDiff

Research output: Scientific - peer-review › Conference contribution

Beyond the "One Sprint Ahead" Approach: Organizing User Experience Work in Agile Software Development

Research output: Scientific - peer-review › Conference contribution
Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools
Research output: Scientific - peer-review › Conference contribution

Decision-Centric Architecture Reviews
Research output: Scientific - peer-review › Article

Designing Distributed Control Systems: A Pattern Language Approach
Research output: Scientific - peer-review › Book

Developing Interactive Systems for Different Cultures: Issues of Assessing User Experience with Visual Materials
Research output: Scientific - peer-review › Conference contribution

Digital Identities and Accountable Agreements in Web Applications
Research output: Scientific - peer-review › Conference contribution

Distributed Indoor Positioning System With Inertial Measurements and Map Matching
Research output: Scientific - peer-review › Article

Distributed Knowledge Management Architecture and Rule Based Reasoning for Mobile Machine Operator Performance Assessment
Research output: Scientific - peer-review › Conference contribution

Editorial on Mobile and Panoramic Video in Education
Research output: Scientific › Article

Efficient Architecture Mapping of FFT/IFFT for Cognitive Radio Networks
Research output: Scientific - peer-review › Conference contribution

Efficient Mode Decision Schemes for HEVC Inter Prediction
Research output: Scientific - peer-review › Article

Efficient Software Synthesis of Dynamic Dataflow Programs
Emmerdale netissä: Ohjelmakohtisten sivustojen käyttötarkoitukset osana katselukokemusta
Research output: Scientific - peer-review › Article

Enabling Global, Dynamic Web-Based Software Reuse - Mashware Revisited
Research output: Scientific - peer-review › Conference contribution

Experience-Driven Design of Traveler Services in the Smart City
Research output: Scientific - peer-review › Conference contribution

Experiences from System-on-Chip design courses
Research output: Scientific - peer-review › Conference contribution

Exploring online customization of a high involvement experience product
Research output: Scientific - peer-review › Conference contribution

Exploring the Augmented Home Window – User Perceptions of the Concept
Research output: Scientific - peer-review › Conference contribution

Expressing Security Requirements: Usability of Taxonomy-based Requirement Identification Scheme
Research output: Scientific - peer-review › Conference contribution

Eye Tracking in Game-based Learning Research and Game Design
Research output: Scientific - peer-review › Article

First Hand Developer Experiences of Social Devices
Research output: Scientific - peer-review › Conference contribution

Flow Experience as a Quality Measure in Evaluating Physically Activating Collaborative Serious Games
Research output: Scientific - peer-review › Article
Flow Experience as a Quality Measure in Evaluating Physically Activating Serious Games
Research output: Scientific - peer-review › Conference contribution

Flow in SGs
Research output: Professional › Commissioned report

From Agile Software Development to Mercury Business
Research output: Scientific - peer-review › Conference contribution

From architectural requirements towards an open architecture for web and mobile societal applications
Research output: Scientific - peer-review › Conference contribution

From Mashup Applications to Open Data Ecosystems
Research output: Scientific - peer-review › Conference contribution

Gamification of System-on-Chip Design
Research output: Scientific - peer-review › Conference contribution

Green Software: Greening What and How Much?
Research output: Scientific - peer-review › Article

Grover: Looking for Performance Improvement by Disabling Local Memory Usage in OpenCL Kernels
Research output: Scientific - peer-review › Conference contribution

Handbook of the Secure Agile Software Development Life Cycle
Research output: Professional › Book

Heuristics for Greedy Transport Triggered Architecture Interconnect Exploration
Research output: Scientific - peer-review › Conference contribution
Knowledge transfer in collaborative teams: experiences from a two-week code camp

Research output: Scientific - peer-review › Conference contribution

Learning by Creating Educational Exergames: Creative Pedagogy That Gets Students Moving

Research output: Scientific - peer-review › Chapter

Liquid Software Manifesto: The Era of Multiple Device Ownership and Its Implications for Software Architecture

Research output: Scientific - peer-review › Conference contribution

Lively3D: Building a 3D Desktop Environment as a Single Page Application

Research output: Scientific - peer-review › Article

Location Sharing Patterns of Parents and Their Children

Research output: Professional › Article

Measuring Energy Consumption for RESTful Interactions in 3GPP IoT Nodes

Research output: Scientific - peer-review › Conference contribution

Measuring Retrospective User Experience of Non-Powered Hand Tools: Exploratory Remote Study with UX Curve

Research output: Scientific - peer-review › Conference contribution

Mobile panoramic video applications for learning

Research output: Scientific - peer-review › Article

Modeling the Multicultural Issues in Software Engineering Processes

Research output: Scientific - peer-review › Chapter

Multicultural Adaptive Systems

Research output: Scientific - peer-review › Chapter
On Designing UX for Mobile Enterprise Apps
Research output: Scientific - peer-review » Conference contribution

Open Data - Opportunities and Challenges
Research output: Scientific - peer-review » Conference contribution

Opiskelun etenemisen kartoltushanke tietotekniikan koulutusohjelmassa
Research output: Professional » Commissioned report

Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study
Research output: Scientific - peer-review » Conference contribution

Parallel programming of a symmetric Transport-Triggered Architecture with applications in flexible LDPC encoding
Research output: Scientific - peer-review » Conference contribution

Patterns for Sharing Safety System Operation Responsibilities between Humans and Machines
Research output: Scientific - peer-review » Conference contribution

Patterns for starting up a software startup company
Research output: Scientific - peer-review » Conference contribution

Peleillä liikettä, luovuutta ja yhteisölisyyttä koulupäivään
Research output: Scientific » Chapter

Programmable In-loop Deblock Filter Processor for Video Decoders
Research output: Scientific - peer-review » Conference contribution

Quality Management of User-Generated Content in Participatory Journalism
Research output: Scientific - peer-review » Conference contribution
Research Plan: Visualizations for Software Analytics
Research output: Scientific - peer-review › Conference contribution

Resource Description for End-User Driven Service Compositions
Research output: Scientific - peer-review › Conference contribution

Safety Patterns in Model-Driven Development
Research output: Scientific - peer-review › Conference contribution

Service Composition for End-Users
Research output: Scientific - peer-review › Article

Social Index: A Content Discovery Application for Ad Hoc Communicating Smart Phones
Research output: Scientific - peer-review › Conference contribution

Socio-Technical Congruence in the Ruby Ecosystem
Research output: Scientific - peer-review › Conference contribution

Socio-Technical Dependencies in Forked OSS Projects: Revealing Eidence from BSD Family
Research output: Scientific - peer-review › Article

Software Startup Patterns - An Empirical Study
Research output: Professional › Commissioned report

Strategic Research Agenda for Cyber Trust
Research output: Professional › Commissioned report

Strategies for Hazard Management Process
Research output: Scientific - peer-review › Conference contribution

Studying the User Experience of a Tablet Based Math Game
Research output: Scientific - peer-review › Article
Tool support for planning global software development projects

Towards a contingency approach with whitelist- and blacklist-based anti-phishing applications: what do usability tests indicate?

Towards a Pattern Language for Software Start-ups

Towards an Open Architecture Model for Web and Mobile Software: Characteristics and Validity Properties

Towards green power electronics: software controllers and domain knowledge

Usefulness of Long-Term User Experience Evaluation to Product Development: Practitioners’ Views from Three Case Studies
Using Adaptive Avatars for Visualizing Recent Music Listening History and Supporting Music Discovery

Using Constraint Satisfaction and Optimization for Pattern-Based Software Design

Variable Length Instruction Compression on Transport Triggered Architectures

White Knights of the Smart City

Who Contributes to What? Exploring Hidden Relationships between FLOSS Projects

WOKE: A novel workflow model editor

A Core-Periphery-Legality Architectural Style for Open Source System Development

Actions, Objects, and Subjects

A field trial on mobile crowdsourcing of news content: Factors influencing participation
Algorithm for Pedestrian Navigation Combining IMU Measurements and Gait Models
Davidson, P. & Takala, J. 2013 In: Gyroscopy and Navigation. 4, 2, p. 79-84 6 p.
Research output: Scientific - peer-review › Article

A light-weight mixed method tool for remote UX evaluation: A case study of premium sports watch users
Research output: Scientific - peer-review › Conference contribution

All Linear-Time Congruences for Familiar Operators
Valmari, A. 2013 In: Logical Methods in Computer Science. 9, 4, p. 1-34 34 p., 11
Research output: Scientific - peer-review › Article

A mixed methods approach to a longitudinal study of user experience in the metals and engineering industry
Research output: Scientific - peer-review › Conference contribution

An Accountable Security Mechanism based on Security Service Level Agreement
Research output: Scientific - peer-review › Conference contribution

An Action-Oriented Programming Model for Pervasive Computing in a Device Cloud
Research output: Scientific - peer-review › Conference contribution

An Embedded Cloud Design for Internet-of-Things
Research output: Scientific - peer-review › Article

Applying Lehman's laws to game evolution
Research output: Scientific - peer-review › Conference contribution

A secure OSGi environment for untrusted web applications
Research output: Scientific - peer-review › Conference contribution

A User-Centric View of Intelligent Environments: User Expectations, User Experience and User Role in Building Intelligent Environments
Research output: Scientific - peer-review › Article
Bayesian analysis of GUHA hypotheses
28 p.
Research output: Scientific - peer-review › Article

City Scene: Field Trial of a Mobile Street-imagery-based Navigation Service
Research output: Scientific - peer-review › Conference contribution

Cloud Browser: Enhancing the Web Browser with Cloud Sessions and Downloadable User Interface
Research output: Scientific - peer-review › Conference contribution

Cloud computing and its impact on mobile software development: Two roads diverged
Research output: Scientific - peer-review › Article

Code Oriented Approach to 3D Widgets
Research output: Scientific - peer-review › Conference contribution

Cognitive styles and visual quality
Research output: Scientific - peer-review › Conference contribution

Complementing Web Service Architecture
Research output: Scientific - peer-review › Chapter

Constructing Minimal Coverability Sets
Research output: Scientific - peer-review › Conference contribution

Customized TTA Processor for Efficient Implementation of Variable Length FFT in SDR Systems
Research output: Scientific - peer-review › Conference contribution

Demo Hour. DrawUX
Research output: Scientific › Article

Dependency Analysis and Visualization Tool for Kactus2 IP-XACT Design Framework
Framework for Industrial Embedded System Product Development and Management
Research output: Scientific - peer-review › Conference contribution

General-Purpose DSP Processors
Research output: Scientific - peer-review › Chapter

Good to Know about the Efficiency of State Space Methods
Research output: Scientific - peer-review › Article

Guest Editors' Introduction to Special Issue on Advances in DSP Systems Design
Research output: Scientific - peer-review › Anthology

Handbook of Signal Processing Systems
Research output: Scientific - peer-review › Anthology

HTML5 Agents - Mobile Agents for the Web
Research output: Scientific - peer-review › Conference contribution

Implementing artificial intelligence: a generic approach with software support
Research output: Scientific - peer-review › Article

Indoor 3D Navigation and Positioning of Vehicles in Multi-Storey Parking Garages
Research output: Scientific - peer-review › Conference contribution

Inertial Sensors and Their Applications
Research output: Scientific - peer-review › Chapter

Inexpensive Correctly Rounded Floating-Point Division and Square Root With Input Scaling
Research output: Scientific - peer-review › Conference contribution

Instruction Set Extensions for Matrix Decompositions on Software Defined Radio Architectures
Research output: Scientific - peer-review › Article
Interaction with Dynamic Large Bodies in Efficient, Real-Time Water Simulation
Research output: Scientific - peer-review › Article

Interleaving human and search-based software architecture design
Research output: Scientific - peer-review › Article

IPV6 Addressing Strategies for IoT
Research output: Scientific - peer-review › Article

Key Success Factors in Control System Software Architecture
Research output: Scientific - peer-review › Conference contribution

Landmarks for the User Experience in the Cloud
Research output: Scientific - peer-review › Anthology

Little Backpackers - Studying Children’s Psychological Needs in an Interactive Exhibition Context
Research output: Scientific - peer-review › Conference contribution

Long-Term Product Line Sustainability with Planned Staged Investments
Research output: Scientific - peer-review › Article

Low Complexity Algorithm for Inversion of Special Matrices in SDR Systems
Research output: Scientific - peer-review › Conference contribution

Low-Power Application-Specific FFT Processor for LTE Applications
Research output: Scientific - peer-review › Conference contribution

Low-Power Wireless Sensor Network Platforms
Research output: Scientific - peer-review › Chapter

Media experience as a predictor of future news reading
Profiling EEMBC MultiBench Programs in 64-Core Machine
Research output: Scientific › Article

Recommendations for using Simulated Annealing in task mapping
Research output: Scientific › Article

Reflections on Experience-Driven Design: a Case Study on Designing for Playful Experiences
Research output: Scientific › Conference contribution

Roles, Scenarios and Challenges of Social Devices
Research output: Scientific › Conference contribution

Scrum Anti-patterns - An Empirical Study
Research output: Scientific › Conference contribution

Security, Usability and Energy-Efficiency Requirements for Different Use-cases of the Interactive 360 Panorama Video Player
Research output: Scientific › Conference contribution

Sentence Completion for Understanding Users and Evaluating User Experience
Research output: Scientific › Article

Service Composition for End-Users
Research output: Scientific › Conference contribution

Simplified Floating-Point Division and Square Root
Research output: Scientific › Conference contribution

Simulated Annealing for Aiding Genetic Algorithm in Software Architecture Synthesis
Research output: Scientific › Conference contribution
The impact of user experience work on cloud software development
Research output: Scientific - peer-review › Article

The Implications of Mobile Notifications for User Experience of a Social Network Service
Research output: Scientific - peer-review › Article

The Kraft Sum as a Monotone Function of the Refinement-Ordered Set of Uniquely Decipherable Codes
Research output: Scientific - peer-review › Article

The role of community in exercise: cross-cultural study of online exercise diary users
Research output: Scientific - peer-review › Conference contribution

Towards a Reference Architecture for Server-side Mashup Ecosystem
Research output: Scientific - peer-review › Conference contribution

Towards Model-driven, Simulation-assisted Control Application Engineering
Research output: Scientific - peer-review › Conference contribution

Towards pervasive mashups in embedded devices: comparing procedural and declarative approach
Research output: Scientific - peer-review › Article

Towards run-time actor mapping of dynamic dataflow programs onto multi-core platforms
Research output: Scientific - peer-review › Conference contribution

User Experience and Usage Scenarios of Audio-Tactile Interaction with Virtual Objects in a Physical Environment