Viitanen, Timo; Koskela, Matias; Jääskeläinen, Pekka; Kultala, Heikki; Takala, Jarmo / MergeTree: A Fast Hardware HLBVH Constructor for Animated Ray Tracing.
Research output: Scientific - peer-review › Article

Järvinen, Hannu-Matti / Ethics as a skill of software engineer?
Research output: Scientific - peer-review › Conference contribution

Luoto, Antti / Towards Framework for Choosing 360-degree Video SDK.
Research output: Scientific - peer-review › Conference contribution

Viitanen, Timo; Koskela, Matias; Jääskeläinen, Pekka; Immonen, Kalle; Takala, Jarmo / Fast Hardware Construction and Refitting of Quantized Bounding Volume Hierarchies.
Research output: Scientific - peer-review › Article

Koivisto, Jaana-Maija; Niemi, Hannele; Multisilta, Jari; Eriksson, Elina / Nursing students’ experiential learning processes using an online 3D simulation game.
Research output: Scientific - peer-review › Article

Systä, Kari; Vuori, Matti; Järvinen, Hannu-Matti; Ahtee, Tero; Sten, Harri / Project types and industrial collaboration in project-based learning.
Research output: Scientific - peer-review › Conference contribution

Muzaffar, Ahmad; Saari, Mika; Sillberg, Pekka; Rantanen, Petri; Soini, Jari; Kudora, Tadahiro / Low-energy algorithm for self-controlled wireless sensor nodes.
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Väätäjä, Heli; Ahtinen, Aino / Integrating mobile orienteering to team forming activity in a software engineering course.
Research output: Scientific - peer-review › Conference contribution

Tuisku, Outi; Rantanen, Ville; Surakka, Veikko / Longitudinal study on text entry by gazing and smiling.
Research output: Scientific - peer-review › Conference contribution

Vermeeren, Arnold P.O.S.; Roto, Virpi; Väänänen, Kaisa / Design-inclusive UX research: design as a part of doing user experience research.
Research output: Scientific - peer-review › Article
Puonti, Mikko; Lehtonen, Timo; Luoto, Antti; Aaltonen, Timo; Aho, Timo / 
Towards Agile Enterprise Data Warehousing.
Research output: Scientific - peer-review › Conference contribution

Guinness, Robert / 
Context Awareness for Navigation Applications.
Research output: Collection of articles › Doctoral Thesis

Vihervaara, Juha; Loula, Pekka / 
Dual-Mode Congestion Control Mechanism for Video Service.
Research output: Scientific - peer-review › Conference contribution

Rintala, Matti; Valmari, Antti / 
Priority Queue Classes with Priority Update.
Research output: Scientific - peer-review › Conference contribution

Korhonen, Ville; Jääskeläinen, Pekka; Koskela, Matias; Viitanen, Timo; Takala, Jarmo / 
Rapid Customization of Image Processors Using Halide.
Research output: Scientific - peer-review › Conference contribution

Kiili, Kristian; Devlin, Keith; Multisilta, Jari / 
Editorial: is Game-Based Math Learning Finally Coming of Age?
In: International Journal of Serious Games, Vol. 2, No. 4, 1, 08.12.2015.
Research output: Scientific › Editorial

Kultala, Heikki; Viitanen, Timo; Jääskeläinen, Pekka; Helkala, Janne; Takala, Jarmo / 
Improving Code Density with Variable Length Encoding Aware Instruction Scheduling.
Research output: Scientific - peer-review › Article

Äijö, Tomi; Jääskeläinen, Pekka; Elomaa, Tapio; Kultala, Heikki; Takala, Jarmo / 
Integer Linear Programming-Based Scheduling for Transport Triggered Architectures.
Research output: Scientific - peer-review › Article

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

Ahtinen, Aino / Istujat liikkumaan!
In: Tampereen Kauppakamarilehti, No. 6, 12.2015, p. 8.
Research output: General public › Comment/debate

Christophe, Francois; Andalibi, Vafa; Laukkanen, Teemu; Mikkonen, Tommi; Koskimies, Kai / 
Survey and evaluation of neural computation models for bio-integrated systems.
Research output: Scientific - peer-review › Review Article
Miranda, Javier; Mäkitalo, Niko; García-Alonso, Jose; Berrocal, Javier; Mikkonen, Tommi; Canal, Carlos; Murillo, Juan M. / From the Internet of Things to the Internet of People. In: IEEE Internet Computing, Vol. 19, No. 2, 01.03.2015, p. 40-47.
Research output: Scientific - peer-review › Article

Leppänen, Marko; Mäkinen, Simo; Pagels, Max; Eloranta, Veli-Pekka; Ikkonen, Juha; Määntylä, Mika V.; Männistö, Tomi / The highways and country roads to continuous deployment. In: IEEE Software, Vol. 32, No. 2, 01.03.2015, p. 64-72.
Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Arnab, Sylvester; Ger, Pablo Moreno; Lim, Theodore; Lameras, Petros; Hendrix, Maurice; Kiili, Kristian; Hauge, Jannicke Baatsrud; Ninaus, Manuel; de Freitas, Sara; Mazzetti, Alessandro; Dahlbom, Anders; Degano, Cristiana; Stanescu, Ioana; Riveiro, Maria / A conceptual model towards the scaffolding of learning experience. Third International Conference, GALA 2014, Bucharest, Romania, July 2-4, 2014. Vol. 9221 Springer Verlag, 2015. p. 83-96 (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics); Vol. 9221).
Research output: Scientific - peer-review › Conference contribution

Chaudhary, Sunil; Zhao, Yan; Berki, Eleni; Valtanen, Juri; Li, Linfeng; Helenius, Marko; Mystakiou, Stylianos / A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students. In: IADIS International Journal on WWW/Internet, Vol. 13, No. 1, 2015, p. 57-71.
Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Chaudhary, Sunil; Li, Linfeng; Berki, Eleni; Helenius, Marko; Kela, Juha; Turunen, Markku / Applying finite state process algebra to formally specify a computational model of security requirements in the key2phone-mobile access solution. Lecture Notes in Computer Science. Springer Verlag, 2015. p. 128-145 (Lecture Notes in Computer Science; Vol. 9128).
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution
Malinen, Sanna; Nurkka, Piia / Cultural influence on online community use: A cross-cultural study on online exercise diary users of three nationalities.
Research output: Scientific - peer-review › Article

Jaakkola, Hannu; Thalheim, Bernhard / Culture-Aware Web Information System Development.
Research output: Scientific - peer-review › Conference contribution

Saari, M.; Sillberg, P.; Rantanen, P.; Soini, J.; Fukai, H. / Data collector service - practical approach with embedded linux.
Research output: Scientific - peer-review › Conference contribution

Andalibi, Vafa; Honko, Harri; Christophe, Francois; Viik, Jari / Data Correction for Seven Activity Trackers based on Regression Models.
Research output: Scientific - peer-review › Conference contribution

Jaakkola, H.; Henno, J.; Soini, J. / Data driven ecosystem - Perspectives and problems.
Research output: Scientific - peer-review › Conference contribution

Lehtonen, Timo; Suonsyrjä, Sampo; Kilamo, Terhi; Mikkonen, Tommi / Defining Metrics for Continuous Delivery and Deployment Pipeline.
Research output: Scientific - peer-review › Conference contribution

Kannisto, Joona; Heikkinen, Seppo; Slavov, Kristian; Harju, Jarmo / Delayed key exchange for constrained smart devices.
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). Springer Verlag, 2015. p. 12-26 (Lecture Notes in Computer Science; Vol. 8629).
Research output: Scientific - peer-review › Conference contribution

Suonsyrjä, Sampo; Mikkonen, Tommi / Designing an Unobtrusive Analytics Framework for Monitoring Java Applications.
Research output: Scientific - peer-review › Conference contribution

Jarusrboonchai, Pradthana / Designing Mobile Devices Encouraging and Supporting Collocated Interactions.
Research output: Scientific - peer-review › Conference contribution
Vepsäläinen, Timo; Kuikka, Seppo / Design Patterns for Model-Driven Development. 
Research output: Scientific - peer-review › Article

Ojala, Jarno; Korhonen, Hannu; Laaksonen, Jari; Väänänen, Kaisa; Järvi, Antti; Raisamo, Roope; Mäkelä, Ville / Developing Novel Services for the Railway Station Area through Experience-Driven Design. 
In: ID&A Interaction Design & Architecture(S), Vol. 25, No. 1, 2015, p. 73-84. 
Research output: Scientific - peer-review › Article

Seppälä, Otto; Ihantola, Petri; Isohanni, Essi; Sorva, Juha; Vihavainen, Arto / Do we know how difficult the rainfall problem is? 
Research output: Scientific - peer-review › Conference contribution

Hokkanen, Laura; Kuusinen, Kati; Väänänen, Kaisa / Early Product Design in Startups: Towards a UX Strategy. 
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Ihantola, Petri; Vihavainen, Arto; Ahadi, Alireza; Butler, Matthew; Börstler, Jürgen; Edwards, Stephen H.; Isohanni, Essi; Korhonen, Ari; Petersen, Andrew; Rivers, Kelly; Rubio, Miguel Ángel; Sheard, Judy; Skupas, Bronius; Spacco, Jaime; Szabo, Claudia; Toll, Daniel / Educational Data Mining and Learning Analytics in Programming: Literature Review and Case Studies. 
Research output: Scientific - peer-review › Conference contribution

Collin, Jussi; Kirkko-Jaakkola, Martti; Takala, Jarno / Effect of Carouseling on Angular Rate Sensor Error Processes. 
Research output: Scientific - peer-review › Article

Hästbacka, David; Aarnio, Pekka; Vyatkin, Valeriy; Kuikka, Seppo / Empowering Industrial Maintenance Personnel with Situationally Relevant Information using Semantics and Context Reasoning. 
Research output: Scientific - peer-review › Conference contribution

Ahtinen, Aino; Poutanen, Jenni; Vuolle, Maiju; Väänänen, Kaisa; Peltoniemi, Sanna / Experience-Driven Design of Ambiences for Future Pop Up Workspaces. 
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Chaudhary, Sunil; Zhao, Yan; Berki, Eleni; Valtanen, Juri; Li, Linfeng; Hellenius, Marko; Mystakidis, Stylianos; Nalam, Thrushna; Thapa, Rajendra Bahadur / Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education. 
Maribor, Slovenia: University of Maribor, Faculty of Electrical Engineering and Computer Science, 2015.
Research output: Scientific - peer-review › Anthology

Henno, J.; Jaakkola, H.; Mäkelä, J. / Project- and product-oriented course.
Research output: Scientific - peer-review › Conference contribution

Koski, Aapo; Mikkonen, Tommi / Requirements, Architecture, and Quality in a Mission-Critical System: 12 Lessons Learned.
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Kannisto, Petri; Hästbacka, David; Vilkk, Matti; Kukka, Seppo / Service Architecture and Interface Design for Mobile Machine Parameter Optimization System.
Research output: Scientific - peer-review › Article

Berrocal, Javier; Canal, Carlos; Garcia-Alonso, Jose; Mäkitalo, Niko; Mikkonen, Tommi; Miranda, Javier; Murillo, Juan M. / Smartphones as Personal Profile Providers: Enhancing Mobile App Architectures.
Research output: Scientific - peer-review › Conference contribution

Jarusriboonchai, Pradthana; Olsson, Thomas; Väänänen-Vainio-Mattila, Kaisa / Social Displays on Mobile Devices: Increasing Collocated People's Awareness of the User's Activities.
Research output: Scientific - peer-review › Conference contribution

Linna, Petri / Sosiaalinen media ja digitalisaatio.
Research output: Professional › Conference contribution

Kilamo, Terhi; Rahikkala, Jurka; Mikkonen, Tommi / Spicing Up Open Source Development with a Touch of Crowdsourcing.
Research output: Scientific - peer-review › Conference contribution

Väätäjä, Heli; Heimonen, Tomi; Tiitinen, Katarina; Hakulinen, Jaakko; Turunen, Markku / Supplier's Expectations on Usage Data Analytics of Complex Industrial Systems.
Research output: Scientific - peer-review › Conference contribution

Vogel, Bahtijar; Kilamo, Terhi; Kurti, Arianit / Teaching Distributed Agile Development to Software Professionals: A Flexible Approach.
Research output: Scientific - peer-review › Conference contribution
Eloranta, Veli-Pekka / Patterns for controlling chaos in a startup.
Research output: Scientific - peer-review › Conference contribution

Leppänen, Marko / Two patterns for minimizing human resources in a startup.
Research output: Scientific - peer-review › Conference contribution

Syeed, M. M Mahbubul; Hammouda, Imed; Systä, Tarja / Prediction models and techniques for Open Source Software projects : A systematic literature review.
Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Parviainen, Jussi; Bojja, Jayaprasad; Collin, Jussi; Leppänen, Jussi; Eronen, Antti / Adaptive Activity and Environment Recognition for Mobile Phones.
Research output: Scientific - peer-review › Article

Xie, Wen; Jiao, XianJun; Jääskeläinen, Pekka; Kultala, Heikki; Chen, Canfeng; Berg, Heikki; Bie, Zhisong / A High Throughput LDPC Decoder using a Mid-range GPU.
Research output: Scientific - peer-review › Conference contribution

Laukkarinen, Teemu; Määttä, Lasse; Suhonen, Jukka; Hännikäinen, Marko / A Multi-Hop Software Update Method for Resource Constrained Wireless Sensor Networks.
Research output: Scientific - peer-review › Chapter

Isohanni, Essi; Järvinen, Hannu-Matti / Are visualization tools used in programming education?: by whom, how, why, and why not?
Research output: Scientific - peer-review › Conference contribution

Väätäjä, Heli / Assessing Dog’s experience in ACI.
Research output: Scientific - peer-review › Conference contribution

Mäkitalo, Niko; Mikkonen, Tommi / At the Edge of the Cloud: Improving the Coordination of Proactive Social Devices.
Research output: Scientific - peer-review › Conference contribution
Kellomäki, Timo; Saari, Timo / A User Study: Is the Advection Step in Shallow Water Equations Really Necessary?
Research output: Scientific - peer-review › Conference contribution

Ojala, Jarno; Mate, Sujeet; Curcio, Igor D.D.; Lehtiniemi, Arto; Väänänen-Vainio-Mattila, Kaisa / Automated Creation of Mobile Video Remixes: User Trial In Three Event Contexts.
Research output: Scientific - peer-review › Conference contribution

Parviainen, Jussi; Collin, Jussi; Pihlström, Timo; Takala, Jarmo; Hanski, Kari; Lumiaho, Aki / Automatic Crash Detection for Motor Cycles.
Research output: Scientific - peer-review › Conference contribution

Walsh, Tanja; Varsalouma, Jari; Kujala, Sari; Nurkka, Piia; Petrie, Helen; Power, Chris / Axe UX: Exploring Long-Term User Experience with iScale and AttrakDiff.
Research output: Scientific - peer-review › Conference contribution

Kuusinen, Kati / Beyond the "One Sprint Ahead" Approach: Organizing User Experience Work in Agile Software Development.
Research output: Scientific - peer-review › Conference contribution

Järvenpää, Toni; Suhonen, Katja; Jumisko-Pyykkö, Satu; Salmimaa, Marja / Binocular and Monocular Augmentations for Different Distances on See-Through Near-Eye Displays.
Research output: Scientific - peer-review › Conference contribution

Mäkitalo, Niko / Building and programming ubiquitous social devices.
Research output: Scientific - peer-review › Conference contribution

Eloranta, Veli-Pekka; Koskimies, Kai / Chapter 8 - Lightweight Architecture Knowledge Management for Agile Software Development.
Research output: Scientific - peer-review › Chapter

Mattila, Anna-Liisa; Systä, Kari; Voutilainen, Jari-Pekka; Mikkonen, Tommi / Cloud Space Web-based Smart Space with Management UI.
Research output: Scientific - peer-review › Conference contribution
Research output: Scientific - peer-review › Chapter

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Book

Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Chapter

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Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Book

Research output: Scientific - peer-review › Conference contribution


Kiili, Kristian; Tuomi, Pauliina; Koskela, Mikko; Earp, Jeffrey / Learning by Creating Educational Exergames: Creative Pedagogy That Gets Students Moving.
Research output: Scientific - peer-review » Chapter

Taivalsaari, Antero; Mikkonen, Tommi; Systä, Kari / Liquid Software Manifesto: The Era of Multiple Device Ownership and Its Implications for Software Architecture.
Research output: Scientific - peer-review » Conference contribution

Voutilainen, Jari-Pekka; Mattila, Anna-Liisa; Mikkonen, Tommi / Lively3D: Building a 3D Desktop Environment as a Single Page Application.
Research output: Scientific - peer-review » Article

Helenius, Marko; Kannisto, Joanna; Kijlender, Harri; Nore, Ville / Location Sharing Patterns of Parents and Their Children.
Research output: Professional » Article

Savolainen, Teemu; Javed, Nadir; Silverajan, Bilhanan / Measuring Energy Consumption for RESTful Interactions in 3GPP IoT Nodes.
Research output: Scientific - peer-review » Conference contribution

Varsaluoma, Jari; Sahar, Farrukh / Measuring Retrospective User Experience of Non-Powered Hand Tools: Exploratory Remote Study with UX Curve.
Research output: Scientific - peer-review » Conference contribution

Multisilta, Jari / Mobile panoramic video applications for learning.
Research output: Scientific - peer-review » Article

Statkaityte, Rasa; Jaakkola, Hannu / Modeling the Multicultural Issues in Software Engineering Processes.
Research output: Scientific - peer-review » Chapter

Jaakkola, Hannu; Thalheim, Bernhard / Multicultural Adaptive Systems.
Research output: Scientific - peer-review » Chapter

Kuusinen, Kati; Mikkonen, Tommi / On Designing UX for Mobile Enterprise Apps.
Research output: Scientific - peer-review » Conference contribution
Jaakkola, Hannu; Mäkinen, Timo; Eteläaho, Anna / **Open Data - Opportunities and Challenges.**
Research output: Scientific - peer-review › Conference contribution

Kurlin, Ari; Pesonen, Emilia; Isohanni, Essi / **Opiskelun etenemisen kartoitushanke tietotekniikan koulutusohjelma.**
Research output: Professional › Commissioned report

Jarusrboonchay, Pradthana; Olsson, Thomas; Ojala, Jarno; Väänänen-Vainio-Mattila, Kaisa / **Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study.**
Research output: Scientific - peer-review › Conference contribution

Rister, Blaine; Jääskeläinen, Pekka; Silvén, Olli; Hannuksela, Jari; Cavallaro, Joseph R. / **Parallel programming of a symmetric Transport-Triggered Architecture with applications in flexible LDPC encoding.**
Research output: Scientific - peer-review › Conference contribution

Rauhamäki, Jari; Kuikka, Seppo / **Patterns for Sharing Safety System Operation Responsibilities between Humans and Machines.**
Research output: Scientific - peer-review › Conference contribution

Leppänen, Marko / **Patterns for starting up a software startup company.**
Research output: Scientific - peer-review › Conference contribution

Jumisko-Pyykkö, Satu; Väätäjä, Heli; Jaakola, Markus / **Programmable In-loop Deblock Filter Processor for Video Decoders.**
Research output: Scientific - peer-review › Conference contribution

Mattila, Anna-Liisa; Mikkonen, Tommi / **Research Plan: Visualizations for Software Analytics.**
Research output: Scientific - peer-review › Conference contribution
Hylli, Otto; Lahtinen, Samuel; Systä, Kari; Ruokonen, Anna / Resource Description for End-User Driven Service Compositions.
Research output: Scientific - peer-review › Conference contribution

Vepsäläinen, Timo; Kuikka, Seppo / Safety Patterns in Model-Driven Development.
Research output: Scientific - peer-review › Conference contribution

Hylli, Otto; Lahtinen, Samuel; Systä, Kari; Ruokonen, Anna / Service Composition for End-Users.
Research output: Scientific - peer-review › Article

Kulmala, Janne; Vataja, Mikko; Rautiainen, Saku; Laukariainen, Teemu; Hännikäinen, Marko / Social Index: A Content Discovery Application for Ad Hoc Communicating Smart Phones.
Research output: Scientific - peer-review › Conference contribution

Syeed, M. M. Mahbubul; Hansen, Klaus Marius; Hammouda, Imed; Manikas, Konstantinos / Socio-Technical Congruence in the Ruby Ecosystem.
Research output: Scientific - peer-review › Conference contribution

Syeed, M. M. Mahbubul; Hammouda, Imed / Socio-Technical Dependencies in Forked OSS Projects: Revealing Evidence from BSD Family.
Research output: Scientific - peer-review › Article

Dande, Anuradha; Eloranta, Veli-Pekka; Hadayullah, H.; Kovalainen, Antti-Jussi; Lehtonen, Timo; Leppänen, Marko; Salmimaa, Taru; Syeed, Mahbubul; Vuori, Matti; Rubattel, Claude; Weck, Wolfgang; Koskimies, Kai / Software Startup Patterns - An Empirical Study.
Research output: Professional › Commissioned report

Ahokangas, Markus; Arkko, Vesa; Aura, Tuomas; Erkinheimo, Pia; Evesti, Antti; Frantti, Tapio; Hautamäki, Jari; Helenius, Marko; Hämäläinen, Matti; Kemppainen, Juha; Kirchencko, Alexey; Korkiakoski, Markku; Kuosmanen, Pauli; Laaksonen, Mika; Lehto, Martti; Manner, Jukka; Remes, Juha; Röning, Juha; Sahlin, Bengt / Strategic Research Agenda for Cyber Trust.
DIGILE, 2014. 45 p. (DIGILE Board of Directors).
Research output: Professional › Commissioned report

Rauhamäki, Jari; Kuikka, Seppo / Strategies for Hazard Management Process.
Research output: Scientific - peer-review › Conference contribution

Kiili, Kristian; Ketamo, Harri; Koivisto, Antti; Finn, Enda / Studying the User Experience of a Tablet Based Math Game.
Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Lehtiniemi, Arto; Ojala, Jarno / Using Adaptive Avatars for Visualizing Recent Music Listening History and Supporting Music Discovery.

Research output: Scientific - peer-review › Conference contribution

Vathsavayi, Sri Harsha; Sievi-Korte, Outi; Koskimies, Kai; Systä, Kari / Using Constraint Satisfaction and Optimization for Pattern-Based Software Design.

Research output: Scientific - peer-review › Conference contribution

Helkala, Janne; Viitanen, Timo; Kultala, Heikki; Jääskeläinen, Pekka; Takala, Jarmo; Zetterman, Tommi; Berg, Heikki / Variable Length Instruction Compression on Transport Triggered Architectures.

Research output: Scientific - peer-review › Conference contribution

Kymäläinen, Tiina; Sahar, Farrukh; Palviainen, Jarmo / White Knights of the Smart City.

Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Conference contribution

Salminen, Erno; Honkonen, Mikko; Matilainen, Lauri; Hämäläinen, Timo D / WOKE: A novel workflow model editor.

Research output: Scientific - peer-review › Conference contribution

Lokhman, Alexander; Mikkonen, Tommi; Hammouda, Imed; Kazman, Rick; Chen, Hong-Mei / A Core-Periphery-Legality Architectural Style for Open Source System Development.

Research output: Scientific - peer-review › Conference contribution

Järvinen, Hannu-Matti / Actions, Objects, and Subjects.

Research output: Scientific - peer-review › Conference contribution

Vääätäjä, Heli; Sirkkunen, Esa; Ahvenainen, Mari / A field trial on mobile crowdsourcing of news content : Factors influencing participation.
Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Mäkitalo, Niko; Peltola, Heikki; Turto, Tuomas; Mikkonen, Tommi; Savolainen, Juha / Complementing Web Service Architecture. Information Modelling and Knowledge Bases XXIV. ed. / Peter Voijtas; Yasushi Kiyoki; Hannu Jaakkola; Takehiro Tokuda; Naofumi Yoshida. Amsterdam, the Netherlands : IOS Press, 2013. p. 23-30 (Frontiers in Artificial Intelligence and Applications; Vol. 251).
Research output: Scientific - peer-review › Chapter

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Mattila, Anna-Liisa; Mikkonen, Tommi / Designing a 3D Widget Library for WebGL Enabled Browsers.
Research output: Scientific - peer-review › Conference contribution

Palviainen, Jarmo; Kuusinen, Kati; Väänänen-Vainio-Mattila, Kaisa / Designing for Presence in Social Television Interaction.
Research output: Scientific - peer-review › Conference contribution

Salminen, Arto; Mikkonen, Tommi; Nyrhinen, Feetu; Taivalsaari, Antero / Developing Client-Side Mashups: Experiences, Guidelines and Reference Architecture.
Research output: Scientific - peer-review › Article

Hästbacka, David / Developing Modern Industrial Control Applications: On Information Models, Methods and Processes for Distributed Engineering.
Tampere University of Technology, 2013. 135 p. (Tampere University of Technology. Publication; No. 1143).
Research output: Monograph › Doctoral Thesis

Hänninen, Ismo; Lu, Hao; Lent, Craig S.; Snider, Gregory L. / Energy Recovery and Logical Reversibility in Adiabatic CMOS Multiplier.
Research output: Scientific - peer-review › Conference contribution

Palviainen, Jarmo; Suhonen, Katja; Väänänen-Vainio-Mattila, Kaisa; Aaltonen, Timo; Leppänen, Tapani / Exploring Usage Scenarios on Social Devices: Balancing Between Surprise and User Control.
Research output: Scientific - peer-review › Conference contribution

Kamppi, Antti; Matilainen, Lauri; Määttä, Joni-Matti; Salminen, Erno; Hämäläinen, Timo D. / Extending IP-XACT to embedded system HW/SW Integration.
Research output: Scientific - peer-review › Conference contribution
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Anthology

Bhattacharyya, Shuvra (Editor); Deprettere, Ed (Editor); Leupers, Rainer (Editor); Takala, Jarmo (Editor) / Handbook of Signal Processing Systems. New York, NY, USA : Springer, 2013. 1399 p.
Research output: Scientific - peer-review › Anthology

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Chapter
Research output: Scientific - peer-review » Conference contribution

Research output: Scientific - peer-review » Chapter

Järvelä, Simo; Kivikangas, Matias; Saari, Timo; Ravaja, Niklas / Media experience as a predictor of future news reading.
Research output: Scientific - peer-review » Article

Grama, Lacrimioara; Lodin, Alexandru; Rusu, Cornelius; Takala, Jarmo / Method to Convert Analog Filters to Digital Filters.
Research output: Scientific - peer-review » Conference contribution

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Research output: Scientific - peer-review » Conference contribution

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Research output: Scientific - peer-review » Conference contribution

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