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Pointing and Selecting with Facial Activity. / Tuisku, Outi; Rantanen, Ville; Spakov, Oleg; Surakka, Veikko; Lekkala, Jukka. In: Interacting with Computers, Vol. 28, No. 1, 01.2016, p. 1-12. Research output: Scientific - peer-review › Article


How to Evaluate the Social Effects and User Experience of Systems Enhancing Collocated Interactions? / Olsson, Thomas; Jarusriboonchai, Pradthana; Paasovaara, Susanna; Ojala, Jarno; Olshannikova, Ekaterina; Malapaschas, Aris; Väänänen, Kaisa. Workshop of Proxemic Mobile Collocated Interaction, in conjunction with CHI’16. 2016. Research output: Professional › Conference contribution

Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

Research output: Collection of articles › Doctoral Thesis

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific › Editorial

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Integer Linear Programming-Based Scheduling for Transport Triggered Architectures. / Äijö, Tomi; Jääskeläinen, Pekka; Elomaa, Tapio; Kultala, Heikki; Takala, Jarmo.
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Integrating UX Work in Agile Enterprise Software Development. / Kuusinen, Kati.
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Research output: Scientific - peer-review › Conference contribution

Exercise apps cure the sitting disease. / Ahtinen, Aino.
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Research output: Scientific - peer-review › Conference contribution

Research output: Scientific › Article

Research output: Scientific - peer-review › Conference contribution

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Overcoming challenges in agile user experience work: Cross-case analysis of two large software organizations. / Kuusinen, Kati.
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Understanding the most influential user experiences in successful and unsuccessful technology adoptions. / Partala, Timo; Saari, Timo.
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Mashing Up Software Issue Management, Development, and Usage Data. / Mattila, Anna-Liisa; Lehtonen, Timo; Terho, Henri; Mikkonen, Tommi; Systä, Kari.
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Gathering useful programming data; Analysis and insights from real-time collaborative editing. / Rantala, M.; Soini, J.; Kilamo, T.
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Data Intensive Computing : From Modeling to Implementation. / Jääskeläinen, Pekka; Boutellier, Jani.
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Collaborative cloud-based management of home networks. / Silverajan, Bilhanan; Luoma, Juha-Pekka; Vajaranta, Markku; Itäpuro, Riku.
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Assessment of social media skills among vocational teachers in Finland. / Linna, P.; Aramo-Immonen, H.; Saari, M.; Turunen, J.; Jussila, J.; Joel-Edgar, S.; Huhtala, M.

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Code Density and Energy Efficiency of Exposed Datapath Architectures. / Jääskeläinen, Pekka; Kuitala, Heikki; Viitanen, Timo; Takala, Jarmo.

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Content Sharing Building Social User Experiences. / Ojala, Jarno.
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UX work in startups : Current practices and future needs. / Hokkanen, Laura; Väänänen-Vainio-Mattila, Kaisa.
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Vibrotactile Stimulation as an Instructor for Mimicry-Based Physical Exercise. / Lylykangas, Jani; Heikkinen, Jani; Surakka, Veikko; Raisamo, Roope; Myllymaa, Kalle; Laitinen, Arvo.
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W2E - Wellness Warehouse Engine for Semantic Interoperability of Consumer Health Data. / Honko, Harri; Andalibi, Vafa ; Aaltonen, Timo; Parak, Jakub; Saaranen, Mika; Viik, Jari; Korhonen, Iikka.
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Maximizing Product Value: Continuous Maintenance. / Mikkonen, Tommi; Systä, Kari.
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The fuzzy front end of experience design. / Kaasinen, Eija; Vääätäjä, Heli; Karvonen, Hannu; Lu, Yichen.
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Assessing Dog's experience in ACI. / Väätäjä, Heli.
Research output: Scientific - peer-review › Conference contribution

At the Edge of the Cloud: Improving the Coordination of Proactive Social Devices. / Mäkitalo, Niko; Mikkonen, Tommi.
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Automated Creation of Mobile Video Remixes: User Trial in Three Event Contexts. / Ojala, Jarno; Mate, Sujeet; Curcio, Igor D.D.; Lehtiniemi, Arto; Väänänen-Vainio-Mattila, Kaisa.
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Beyond the "One Sprint Ahead" Approach: Organizing User Experience Work in Agile Software Development. / Kuusinen, Kati.
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Binocular and Monocular Augmentations for Different Distances on See-Through Near-Eye Displays. / Järvenpää, Toni; Suohon, Katja; Jumisko-Pyykkö, Satu; Salminaa, Marja.
Research output: Scientific - peer-review › Conference contribution

Building and programming ubiquitous social devices. / Mäkitalo, Niko.
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Chapter 8 - Lightweight Architecture Knowledge Management for Agile Software Development. / Eloranta, Veli-Pekka; Koskimies, Kai.
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Cloud Space Web-based Smart Space with Management UI. / Mattila, Anna-Liisa; Systä, Kari; Voutilainen, Jari-Pekka; Mikkonen, Tommi.
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Comparative Study of 8 and 10-bit HEVC Encoders. / Vanne, Jarno; Viitanen, Marko; Koivula, Ari; Hämäläinen, Timo D.
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Comparing the Effectiveness of Electronic Diary and UX Curve Methods in Multi-Component Product Study. / Sahar, Farrukh; Varsaluoma, Jari; Kujala, Sari.
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Compiler Optimizations for Code Density of Variable Length Instructions. / Kultala, Heikki; Viitanen, Timo; Jääskeläinen, Pekka; Heikal, Janne; Takala, Jarmo.
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Conceptual Modelling of Collaboration for Information Systems. / Thalheim, Bernhard; Jaakkola, Hannu; Nakaniishi, Takafumi; Sasaki, Shiori; Schewe, Klaus-Dieter.
Research output: Scientific - peer-review › Chapter

Connectivity Emulation Testbed for IoT Devices and Networks. / Javed, Nadir; Silverjan, Bilhanan.
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Content Generation in a Collaborative Browser-Based Game Environment. / Vanhatupa, Juha-Matti; Lautamäki, Janne.
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Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools. / Walsh, Tanja; Vainio, Teija; Varsaluoma, Jari.
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Decision-Centric Architecture Reviews. / Van Heesch, Uwe; Eloranta, Veli-Pekka; Avgeriou, Paris; Koskimies, Kai; Harrison, Neil.
Enabling Global, Dynamic Web-Based Software Reuse - Mashware Revisited. / Mikkonen, Tommi; Salminen, Arto; Taivalsaari, Antero.
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Experience-Driven Design of Traveler Services in the Smart City. / Väänänen-Vainio-Mattila, Kaisa; Ojala, Jarno; Laaksonen, Jari; Korhonen, Hannu; Pakkanen, Toni; Raisamo, Roope.
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Experiences from System-on-Chip design courses. / Matilainen, Lauri; Salminen, Erno; Hämäläinen, Timo D.
Research output: Scientific - peer-review › Conference contribution

Exploring online customization of a high involvement experience product. / Nurkka, Piia; Jumisko-Pyykkö, Satu.
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Exploring the Augmented Home Window – User Perceptions of the Concept. / Ventä-Olkkonen, Leena; Häkkilä, Jonna; Väänänen-Vainio-Mattila, Kaisa.
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Expressing Security Requirements: Usability of Taxonomy-based Requirement Identification Scheme. / Takahashi, Takeshi; Kannisto, Joona; Harju, Jarno; Kanoaoka, Akira; Takano, Yuuki; Matsuo, Shinichiro.
Research output: Scientific - peer-review › Conference contribution

Eye Tracking in Game-based Learning Research and Game Design. / Kiili, Kristian; Ketamo, Harri; Kickmeier-Rust, Michael D.
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First Hand Developer Experiences of Social Devices. / Mäkitalo, Niko; Aaltonen, Timo; Mikkonen, Tommi.
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Article

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From architectural requirements towards an open architecture for web and mobile societal applications. / Vogel, Bahtijar; Kurti, Arianit; Mikkonen, Tommi; Milrad, Marcelo.
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From Mashup Applications to Open Data Ecosystems. / Aaltonen, Timo; Mikkonen, Tommi; Peltola, Heikki; Salminen, Arto.
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Gamification of System-on-Chip Design. / Hämäläinen, Timo D.; Salminen, Erno.
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Green Software: Greening What and How Much? / Sierszecki, Krzysztof; Mikkonen, Tommi; Steffens, Michaela; Fogdal, Thomas; Savolainen, Juha.
Research output: Scientific - peer-review › Article

Grover: Looking for Performance Improvement by Disabling Local Memory Usage in OpenCL Kernels. / Fang, Jianbin; Sips, Henk; Jääskeläinen, Pekka; Varbanescu, Ana Lucia.
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An Embedded Cloud Design for Internet-of-Things. / Laukkarinen, Teemu; Suhonen, Jukka; Hännikäinen, Marko.

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**Low Complexity Algorithm for Inversion of Special Matrices in SDR Systems.** / Guevorkian, David; Raunioja, Kim; Takala, Jarmo.
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**Low-Power Application-Specific FFT Processor for LTE Applications.** / Patyk, Tomasz; Guevorkian, David; Pitkänen, Teemu; Jääskeläinen, Pekka; Takala, Jarmo.
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**Media experience as a predictor of future news reading.** / Järvelä, Simo; Kivikangas, Matias; Saari, Timo; Ravaja, Niklas.
Research output: Scientific - peer-review › Article

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

**Mobile Agents for the Internet of Things.** / Järvenpää, Laura; Lintinen, Markku; Mattila, Anna-Lisa; Mikkonen, Tommi; Systä, Karl; Voutilainen, Jani-Pekka.
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**Mobile Devices as Infotainment User Interfaces in the Car: Contextual Study and Design Implications.** / Heikkinen, Jani; Mäkinen, Erno; Lyykkangas, Jani; Pakkanen, Toni; Väänänen-Vainio-Mattila, Kaisa; Raisamo, Roope.
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**Models of Irreversibility For Binary Adders.** / Hänninen, Ismo; Lent, Craig S.; Snider, Gregory L.
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**Nobody other than me knows what I want: Customizing a sports watch.** / Nurkka, Piia.
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**On the Transition from the Web to the Cloud.** / Tupamäki, Jukka; Mikkonen, Tommi.
Open Source Legality Compliance of Software Architecture, A Licensing Profile Approach. / Lokhman, Alexander; Luoto, Antti; Hammoud, Imed; Mikkonen, Tommi.

Personal content in online sports communities: motivations to capture and share personal exercise data. / Ojala, Jarno.

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Planning Global Software Development Projects Using Genetic Algorithms. / Vathsavayi, Sri Harsha; Sievi-Korte, Outi; Koskimies, Kai; Systä, Kari.

Profiling EEMBC MultiBench Programs in 64-Core Machine. / Chen, Chao; Joshi, Ajay; Salminen, Emo.

Recommendations for using Simulated Annealing in task mapping. / Orsila, Heikki; Salminen, Emo; Hämäläinen, Timo.

Reflections on Experience-Driven Design: a Case Study on Designing for Playful Experiences. / Olsson, Thomas; Väänänen-Vainio-Mattila, Kaisa; Saari, Timo; Lucero, An.

Roles, Scenarios and Challenges of Social Devices. / Jarusriboonchai, Pradthana; Olsson, Thomas; Väänänen-Vainio-Mattila, Kaisa.

Scrum Anti-patterns - An Empirical Study. / Eloranta, Veli-Pekka; Koskimies, Kai; Mikkonen, Tommi; Vuorinen, Jyri.

Security, Usability and Energy-Efficiency Requirements for Different Use-cases of the Interactive 360 Panorama Video Player. / Berki, Eleni; Chaudhary, Sunil; Helenius, Marko; Kela, Juha; Turunen, Markku.
Sentence Completion for Understanding Users and Evaluating User Experience. / Kujala, Sari; Walsh, Tanja; Nurkka, Plia; Crisan, Marian.  
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Service Composition for End-Users. / Hylli, Otto; Lahtinen, Samuel; Ruokonen, Anna; Systä, Kari.  
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Simplified Floating-Point Division and Square Root. / Viitanen, Timo; Jääskeläinen, Pekka; Esko, Otto; Takala, Jarmo.  
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Simulated Annealing for Aiding Genetic Algorithm in Software Architecture Synthesis. / Sievi-Korte, Outi; Mäkinen, Erkki; Poranen, Timo.  
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