

Software Engineering Staff

LUT School of Business and
Management

Lappeenranta, Finland

Prof. Jari Porras



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Lappeenranta University of Technology

- Education
 - Doctor of Science (Tech) (1998), Licentiate of Science (Tech) (1995), Master of Science (Tech) – LUT (1993) & MTU (1993)
- Current roles at LUT Software Engineering group
 - Team lead
 - LUT responsible in EU Erasmus Mundus Master's Programme Perccom – Pervasive Computing and Communications for Sustainable Development
- Course instructor for the following courses
 - Bachelor's level: Distributed systems
 - Master's level: Green IT and sustainable computing; Seminar on software engineering; Running a software project; Software business development; Software and application innovation
- Research Areas
 - Parallel and distributed computing including cloud aspects; Mobile technologies and their utilization; Software and application aspects including innovation and development; Sustainable ICT

Prof. Kari Smolander



- M.Sc., University of Jyväskylä, 1988
- Several years of industrial experience in 1990s (Tieto corporation)
- Ph.D., Lappeenranta University of Technology, 2003
- Professor, Lappeenranta University of Technology, 2006-
- Previous research
 - 1990s in Jyväskylä, Finland, metamodelling, method engineering, MetaEdit CASE tool development
 - Own Ph.D. thesis, 2001-2003: Empirical field research in software development organizations about their architectural practices
- Current research
 - Empirical field research in various areas of software engineering
 - Observation of the practice of software development
- Google Scholar H index: 24

Prof. Ahmed Seffah



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Education

- Ms. Eng., PhD., HDR in Software Engineering, Ecole Centrale de Lyon (Engineering School) and University of Claude Barnard, Lyon France
- Professional Engineer, registered in the Québec Province (Canada)
- Certified Microsoft System Engineer, Sun Java Certified Developer, SEI-CMU CMM

Positio@LUT: Professor of Software Engineering since Oct. 2014

Research Interests

- HCI (human computer interaction) and human factors in Software Engineering
- Human-centric software systems engineering and innovation
- User interfaces design and evaluation
- Design theories and methods
- Software user/consumer research studies in living/usability labs

Courses@LUT (MSc. Programs)

- Software as a Service: Technology and Engineering
- Innovation by Design: An HCI/User Experience Perspective
- Software Engineering Models and Methods
- User Interface Design for Distributed Cross-Platforms and Multi-Devices (University Polytechnic of Madrid)

Previous positions

- Professor and research chair on human-centered software engineering, Concordia University, Canada
- Distinguished Visiting Scholar, IBM Almaden, California, 2012
- Researcher and Team Leader R&D Technology Transfer, Computer Research Institute of Montreal, Canada
- Visiting professor: HEC-Lausanne (Switzerland), University of Valenciennes (France), University Polytechnic of Madrid (Spain)

Prof. Ajantha Dahanayake



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- Education
 - Ph.D Delft University of Technology, The Netherlands
 - Doctoral (B.Sc. and M.Sc.) University of Leiden, The Netherlands
- Current and Past Positions
 - Principle Researcher, Software Engineering Research Center, Utrecht, The Netherlands
 - Chair Information and Software Engineering (part-time), Open University of the Netherlands,
 - Chair Conceptual Modeling and Data Engineering, Delft University of Technology
 - Scientific Director, Betade Spearhead Research Program of the Delft University of Technology
 - Full Professor, Georgia College and State University, J. Whitney Bunting Business School, USA
 - Full Professor and Director of Graduate Studies, Prince Sultan University, Saudi Arabia, founder of the M.Sc. in Software Engineering
 - Visiting Professor, Delft University of Technology, School of Technology and Policy Management
 - Visiting Professor, Lappeenranta University of Technology 2016
- Courses offered @Master's level
 - @LUT: Research Methods for Software Engineering, Distributed Database Systems
 - Service Systems Engineering, E-commerce, GIS, Information Resource Management, Healthcare Information Systems, Business Intelligence, Decision Support Systems, Modeling and Simulation, Meta Modeling & Method Engineering, Database Systems, Database Technology, Database Theory, Data Ware Housing, Software Engineering Processes, Requirements Engineering, Software project Management, Software Design & Architectures, Software Testing and Quality Management, Research Methods, Business Process Management, Enterprise Architectures
- Research Areas Current
 - Data Intensive Smart Applications; Cultural Aspects of User Centered Services, Software Engineering Methods, tool, and Techniques, Augmented reality, Assisted living, Data Analytics; Service Systems Engineering; Crowdsourcing; Intelligent Information Retrieval Systems; Business Activity Monitoring;

Dr Jouni Ikonen



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- Education
 - Doctor of Science (Tech) (2001), Licentiate of Science (Tech) (1999), Master of Science (Tech) – LUT (1995) & MTU (1994)
- Current roles at LUT SEIM
 - Associate Professor, Adjunct Professor
 - Vice-member of the faculty management committee
 - Member of steering and development group for LUT education
- Course instructor for the following courses
 - Bachelor's level: WWW-applications
 - Master's level: Games and networking, Gamification, Summer School on Software Engineering
- Current research
 - Online collaboration
 - Brokering data for value added services, sharing game data between computer games
 - Educational solutions
- See LUT Research Portal for a list of publications: <http://goo.gl/bQabjZ>

Dr Uolevi Nikula



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- Education
 - Doctor of Science (Tech) (2004), Licentiate of Science (Tech) (2002), Master of Science (Tech) (1994)
- Current roles at LUT SEIM
 - Associate Professor
 - Head of the Computer Science degree programmes
 - Head of the Software Engineering research area in LUT Doctoral School
- Course instructor for the following courses
 - Introduction to Programming: 1st year course, c. 500 students, Python
 - Fundamentals of C-programming and testing: c. 200 students
 - Software Projects, Processes, and Entrepreneurship: MSc course, 50 students
 - Running a Software Project: MSc course, 30 students
 - Previous courses: Practical programming, Software engineering
- Research Areas
 - Software processes and process improvement, requirements engineering, disruptive innovations, organizational development and change, computing education
- See LUT Research Portal for a list of publications: <http://bit.ly/1r3L29k>

Dr Ossi Taipale



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- Education
 - Doctor of Science (Tech) (2007), Licentiate of Science (Tech) (1992), Master of Science (Tech) (1980)
- Current roles at LUT SEIM
 - Associate Professor
 - Research on software testing
- Research:
 - Ossi Taipale is leading the research project on software quality and testing. Dr. Taipale has a long career in the IT sector with duties in industry and own entrepreneurship (testing companies). The last years Dr. Taipale has made academic research in software testing. Dr. Taipale knows well Finnish software testing organizations through his profession and research. 1994-2000 Taipale worked as the program manager of “Adaptive and Intelligent Systems Applications” research program. The program was funded by the Finnish Funding Agency for Technology and Innovation and participating industry. Dr. Taipale is the representative of Finland in the ISO/IEC WG26 that develops the software testing standard.
- Research Areas
 - Software testing, cloud testing, software quality
- See LUT Research Portal for a list of publications: bit.ly/1r3miPU

Dr Kari Heikkinen



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- Education
 - Doctor of Science (Tech) (2005), Licentiate of Science (Tech) (2002), Master of Science (Tech) (1999)
- Current roles at LUT SEIM
 - Associate Professor (20%)
 - LUT Pre-Grant Services, Team Leader of European Commission funding (80%)
- Course instructor for the following courses
 - User Interfaces and User-Centric Design: 1st year course (bachelor), c. 100 students
- Research:
 - *Kari Heikkinen Dr. Sc (Tech)* research interests include collaborative learning, learning processes, learning applications and practice-based innovation on the area of user-centric design and human-computer interaction. He has published over 70 scientific articles in his expertise areas. He has 10 years experience in project management in both national and EU projects. He has experience in writing EU proposals at SEIM during FP6, FP7 and H2020 research programs in the area of ICT and software engineering. In those proposals, there have been over 100 European partners from 25 European countries.
- Research Areas
 - User-Centric Design, Human-Computer Interaction
- See LUT Research Portal or Google Scholar for a list of publications

Dr Jussi Kasurinen



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Lappeenranta University of Technology

- **Education:**
 - Doctor of Science (Tech) in Software Engineering 2011
 - Master of Science (Tech) in Computer Science 2007
- **Current roles at LUT:**
 - Post-doctoral researcher, lecturer
 - Head of B.Sc. Program in Computer Science
 - Member of the academic board of LUT/LBM
 - Member of LUT Collegium
- **Currently lecturing following courses:**
 - Object-Oriented Programming (120 students/year), 2nd year, 6 credits
 - Basics of Linux (40 students/year), 1st year, 3 credits
- Research interests include software processes, software testing, game development, gamification and learning.
- H-index 10, i10-index 11, 35+ scientific publications, 4 books on software engineering and programming languages.
- Please find the current list of publications and other info at <http://www.jussikasurinen.net/>

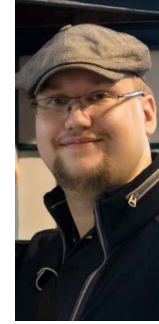


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Dr Ari Happonen

- Education
 - Doctor of Science (Tech) (2011), Master of Science (Tech) – LUT (2005)
- Current roles at LUT SEIM
 - Industry collaborator
 - Research project leader, action researcher
 - Student ↔ industry connector
- Course instructor for the following courses
 - Bachelor's level: Bachelor's Thesis and Seminar, Research/Industry Forum in Software Technology and Engineering
 - Master's level: Strategic development project of network administrative tools
- Research Areas
 - Digitalization utilization (ecosystems & efficiency), University ↔ industry collaboration, Applied (mobile) technology in industry and public enterprises context, large scale public innovation tools, leadership & management supported by ICT tools, Software user/consumer research studies in actual use context
- 50+ in different journals, conference proceedings, books and so on
 - <http://bit.do/AriH>

Dr Antti Knutas



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- Education:
 - Doctor of Science (Tech) in Software Engineering 2016
 - Master of Science (Tech) in Computer Science 2012
- Current roles at LUT:
 - Post-doctoral researcher, lecturer
- Currently lecturing following courses:
 - WWW-programming (60 students/year), 3rd year course, 6 credits
 - Databases (60 std./y), 2nd year course, 5 credits
 - Fundamentals of Game Development (40 std./y), 4th year course, 6 credits
 - CodeCamps (40 std./y), master level course, 2-5 credits
- Research interests include computer-supported cooperative work, online collaboration, social network analysis and gamification.
- Please find information about current research and publications at <http://anttiknutas.net/>