

## Leo Hyvärinen

### Organisations

#### **Project Researcher, Materials Science and Environmental Engineering**

1/01/20 → 28/02/21 Former

leo.hyvarinen@tuni.fi

Teaching and research staff

#### **Project Researcher, Materials Science**

1/01/18 → 31/07/18 Former

Teaching and research staff

#### **Project Researcher, Materials Science**

1/08/18 → 28/03/19 Former

leo.hyvarinen@tut.fi

Teaching and research staff

#### **Doctoral Student, Materials Science**

1/01/17 → 31/12/17 Former

Teaching and research staff

#### **Doctoral Student, Department of Materials Science**

1/08/16 → 31/12/16 Former

Teaching and research staff

#### **Doctoral Student, Department of Materials Science**

1/08/14 → 31/07/16 Former

Teaching and research staff

#### **Member of Research Group, Research group: Ceramic materials**

1/01/15 → 31/12/16 Former

Teaching and research staff

#### **Member of Research Group, Research group: Surface Engineering**

1/01/15 → 31/12/16 Former

Teaching and research staff

#### **Member of Research Group, Research group: Ceramic materials**

1/01/17 → 31/12/19 Former

Teaching and research staff

#### **Member of Research Group, Research group: Applied Material Science**

1/01/17 → 31/12/19 Former

Teaching and research staff

### **Education/Academic qualification**

Master of Science (Technology), Materials Technology, Rock Engineering, Tampere University of Technology

### **Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering

Person: Teaching and research staff

## Jari Hyttinen

### **Grants and awards**

04.01.2018 - 31.03.2018. . .

### Organisations

#### **Professor, BioMediTech**

1/01/19 → 31/12/12

jari.hyttinen@tuni.fi

Teaching and research staff

#### **Head of Research Group, Research group: Computational Biophysics and Imaging Group**

1/01/17 → 31/12/12

Teaching and research staff

**Professor, Department of Electronics and Communications Engineering**

1/01/10 → 31/12/16 Former

Teaching and research staff

**Professor, Faculty of Biomedical Sciences and Engineering**

1/01/17 → 28/03/19 Former

jari.hyttinen@tut.fi

Teaching and research staff

**Head of Research Group, Research group: Computational Biophysics and Imaging Group**

1/01/13 → 19/04/17 Former

Teaching and research staff

**Supervisor for**

**Education/Academic qualification**

Doctor of Science (Technology), Biotechnology, Tampere University of Technology

Licentiate of Science (Technology), Tampere University of Technology

Doctor of Science (Technology), Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 217 Medical engineering

Person: Teaching and research staff

**Sami Hyrynsalmi**

**Dissertation supervision and instruction at other universities**

**Johannes Holvite.** 2017. Technical Debt in Software Development: Examining Premises and Overcoming Implementation for Efficient Management. University of Turku. Second supervisor to doctoral dissertation.

**Jari Vainio.** 2017. Turvallisuuskriittisten ohjelmistojen käyttöturvallisuuden varmistaminen. (Safety Assurance of the Safety-Critical Software). Tampere University of Technology. Second supervisor to doctoral dissertation.

**Kalle Rindell.** 2019. Development of Secure Software: Rationale, Standards and Practices. University of Turku. Second supervisor to doctoral dissertation.

**Jurka Rahikkala.** 2019. On Top Manamgnet Support for Software Cost Estimation. University of Turku. Second supervisor to doctoral dissertation.

**Grants and awards**

01.04.2018 - 31.05.2018. . .

**Organisations**

**Associate Professor (tenure track), Computing Sciences**

1/06/19 → 1/01/20 Former

sami.hyrynsalmi@tuni.fi

Teaching and research staff

**Member of Research Group, Research group: Software Engineering and Intelligent Systems**

1/01/17 → 31/12/12

Teaching and research staff

**Assistant Professor (tenure track), Computing Sciences**

1/01/19 → 4/06/19 Former

sami.hyrynsalmi@tuni.fi

Teaching and research staff

**Assistant Professor (tenure track), Computing Sciences**

1/01/19 → 27/04/19 Former

sami.hyrynsalmi@tuni.fi

Teaching and research staff

**Assistant Professor (tenure track), Pervasive Computing**

1/01/18 → 28/03/19 Former

sami.hyrynsalmi@tut.fi

Teaching and research staff

### **Assistant Professor (tenure track), Pori**

1/01/17 → 31/12/17 Former  
Teaching and research staff

### **Assistant Professor (tenure track), Pori Department**

1/10/16 → 31/12/16 Former  
Teaching and research staff

### **Member of Research Group, Research group: Software Engineering and Intelligent Systems**

12/12/14 → 31/12/16 Former  
Teaching and research staff

### **Education/Academic qualification**

Doctor of Science (Technology), Turun yliopisto, Matemaattis-luonnontieteellinen tiedekunta  
Master of Science (Technology), Turun yliopisto, Matemaattis-luonnontieteellinen tiedekunta  
Bachelor of Science (Technology), Turun yliopisto, Matemaattis-luonnontieteellinen tiedekunta

### **Keyword groups**

Keywords: QA76 Computer software

Field of science, Statistics Finland: 113 Computer and information sciences

Field of science, Academy of Finland: 1172 Software engineering, operating systems, man-computer interaction

TUT Thematic Areas: Digital operating environment

Person: Teaching and research staff

## **Ari Hynynen**

### **Profile information**

## **Biography**

Ari Hynynen is Professor of Architectural and Urban Research (Alvar Aalto Chair) at Tampere University (TAU), Unit of Architecture. He has been the director of the Seinäjoki Urban Laboratory since 2009. In his doctoral dissertation from the year 2000, Hynynen studied local potential of urban planning from the standpoint of ecological modernisation. His post-doctoral research 2001-2004 dealt with issues of spatial integration of immigrants in urban contexts. 2005-2009 Hynynen was the co-founder and leader of the university's EDGE laboratory, which is specialised in analysing and modelling urban structures and processes by using GIS methods and developing new ones. In his recent work, Hynynen has explored topical issues of urban and regional development, and he has led several projects and consortiums as a principal investigator. His publications cover a wide range of topics from Alvar Aalto's design approach to the development of railway station areas.

## **Alvar Aalto Chair**

The Alvar Aalto Chair is a chair at the TAU Unit of Architecture located in the University Consortium of Seinäjoki. The scope of the chair is architectural and urban research: more precisely urban and regional development and renovation of post-war architecture and urban environments.

The chair is part of the Epanet network, which consists of 20 professors from five universities in Western Finland. The aim of the network is to entrench research activity in South Ostrobothnia and have the researchers engage in interdisciplinary collaboration with each other, and especially with business and industry, educational institutions and local government.

The Alvar Aalto Chair embraces the development of the regional innovation environment of building, design and planning. Important partners include the City of Seinäjoki as well as other cities and municipalities of the region, Seinäjoki University of Applied Sciences, the other Epanet chairs and companies of the regional construction cluster. Scientific partners include domestic and foreign universities, and naturally other units of TAU.

Collaboration in R&D projects increases the know-how of the actors and provides new business opportunities. Many cities already consider their built environment a significant success factor.

In addition to launching and leading projects, the job description of the chair includes supervision of doctoral students and diverse expert tasks. Collaboration with international universities allows the region access to the latest scientific knowledge and the chair also produces new and interesting results for the international scientific community.

The chair started in autumn 2009, and it is held by architect Ari Hynynen, D.Sc (Tech).

### **Urban Laboratory**

Urban Laboratory approaches built environment comprehensively, emphasizing future orientation. Different scales and disciplines of architectural design converge, as the laboratory explores new professional practices and methods to improve user-friendliness and resource efficiency of the built environment. Research projects are commonly multi-disciplinary including collaboration with cities, municipalities, private companies and universities. The laboratory encourages students and researchers to engage personally in empirical studies. This is excellently supported by the regional context of the laboratory and its location at the University Centre of Seinäjoki (UCS), where 20 research units from five universities intermingle daily. This offers also a good starting point to conduct research and teaching interactively.

The laboratory's research is divided in three lines:

#### **New planning and design methods**

This line aims at analyzing built environment from the standpoint of its users and inhabitants. On this basis, new planning and design methods with better accuracy will be developed. So far the themes such as health and welfare have gained continuity and skills, but new openings are constantly in pipeline. Methodical toolbox includes, amongst other methods, GIS –applications. The laboratory has collaborated with environmental psychologists, health scientists and traffic planners.

#### **Built environment in transition**

The starting point here is the transformation of cities and regions, which will be analyzed through urban morphology and functional networks. The transformation process is continuous due to changes in technology, macro economy, production, demography and life styles. These changes lead us to new situations and unexpected challenges, which should be met with new mindsets, methods and process models. In practice, the scale of the studies range from individual buildings to regional structures. Collaboration with regional scientists is necessary for recognizing also the prominent role of institutions.

#### **Special issues of modernist built heritage**

This line focuses on the post-war built heritage and urban milieus from the standpoint of architectural history, construction technology and design theory. There is growing need for research, as the prevailing way of building and design still emphasize modernist approach to new building. Considering resource efficiency, the existing built environment is still treated too often as an obstacle rather than economical, ecological and cultural resource.

### **Profile information**

#### **Organisations**

##### **Professor, Architecture**

1/01/19 → 31/12/12

ari.hynynen@tuni.fi

Teaching and research staff

##### **Head of Research Group, Research group: Urban Laboratory**

1/01/17 → 31/12/12

Teaching and research staff

##### **Professor, School of Architecture**

1/10/15 → 31/12/16 Former

Teaching and research staff

##### **Professor, Architecture**

1/01/17 → 28/03/19 Former

ari.hynynen@tut.fi

Teaching and research staff

##### **Professor, School of Architecture**

1/09/14 → 31/01/15 Former

Teaching and research staff

##### **Professor, School of Architecture**

1/02/15 → 30/09/15 Former

Teaching and research staff

##### **Head of Research Group, Research group: Urban Laboratory**

1/09/13 → 19/04/17 Former

Teaching and research staff

#### **Education/Academic qualification**

Doctor of Science (Technology), Architecture, Tampere University of Technology

Master of Science (Architecture), Tampere University of Technology

#### **Keyword groups**

Field of science, Statistics Finland: 211 Architecture

Person: Teaching and research staff

### **Otto Hylli**

#### **Organisations**

Väitöskirjatutkija, Computing Sciences

1/06/20 → 30/06/21  
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Teaching and research staff

**Väitöskirjatutkija, Computing Sciences**

1/02/19 → 27/04/19 Former  
otto.hylli@tuni.fi  
Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/10/18 → 31/01/19 Former  
otto.hylli@tut.fi  
Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/01/18 → 30/09/18 Former  
Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/01/17 → 31/12/17 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/07/16 → 31/12/16 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/01/16 → 30/06/16 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/08/15 → 31/12/15 Former  
Teaching and research staff

**Project Researcher, Department of Pervasive Computing**

1/09/14 → 30/11/14 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/12/14 → 28/02/15 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/03/15 → 31/07/15 Former  
Teaching and research staff

**Member of Research Area, Research area: Software engineering**

1/01/15 → 31/12/16 Former  
Teaching and research staff

**Member of Research Area, Research area: Software engineering**

1/01/17 → 31/05/20 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Information Technology, Tampere University of Technology  
Bachelor of Science (Technology), Information Technology, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences  
Person: Teaching and research staff

**Satu Huuhka**

**Title of docent at TUT**

Korjausrakentaminen ja kiertotalous (Arkkitehtuuri). Talouden ja rakentamisen tiedekunta. 2018 - 2023.

## Organisations

### Postdoctoral Researcher, Architecture

1/01/18 → 31/12/18 Former  
satu.huuhka@tut.fi  
Teaching and research staff

### Member of Research Group, Research group: Built Environment in Transition

1/01/17 → 30/06/23  
Teaching and research staff

### Senior Research Fellow, Architecture

1/06/20 → 31/10/20 Former  
satu.huuhka@tuni.fi  
Teaching and research staff

### Postdoctoral Researcher, Architecture

1/01/17 → 31/12/17 Former  
Teaching and research staff

### Doctoral Student, School of Architecture

1/09/16 → 31/12/16 Former  
Teaching and research staff

### Doctoral Student, School of Architecture

1/09/15 → 31/08/16 Former  
Teaching and research staff

### Researcher, School of Architecture

1/09/12 → 31/08/15 Former  
Teaching and research staff

### Member of Research Group, Research group: Urban Laboratory

1/09/13 → 31/12/15 Former  
Teaching and research staff

### Member of Research Group, Research group: Built Environment in Transition

1/04/13 → 31/12/16 Former  
Teaching and research staff

## Education/Academic qualification

Doctor of Science (Technology), Architecture, Tampere University of Technology  
Master of Science (Architecture), Tampere University of Technology

## Keyword groups

Field of science, Statistics Finland: 211 Architecture  
Field of science, Academy of Finland: 1011 Architecture, 1012 Community planning  
TUT Thematic Areas: Energy- and eco-efficiency  
Person: Teaching and research staff

## Heikki Huttunen

### Title of docent at TUT

Kone- ja syväoppimisen signaalinkäsittelyssä. Signaalinkäsittely. 2017 - 2022.

## Organisations

### Associate Professor (tenure track), Computing Sciences

1/01/19 → 31/07/21  
heikki.huttunen@tuni.fi  
Teaching and research staff

### Member of Research Group, Research group: Vision

1/01/17 → 31/07/21  
Teaching and research staff

### Head of Research Group, Research group: Machine Learning Group MLG

1/11/17 → 31/07/21  
Teaching and research staff

**University Lecturer, Signal Processing**

1/01/17 → 31/07/17 Former  
Teaching and research staff

**Associate Professor (tenure track), Computing Sciences**

1/01/19 → 27/04/19 Former  
heikki.huttunen@tuni.fi  
Teaching and research staff

**Associate Professor (tenure track), Signal Processing**

1/08/17 → 28/03/19 Former  
heikki.huttunen@tut.fi  
Teaching and research staff

**University Lecturer, Department of Signal Processing**

1/01/12 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Vision**

1/01/14 → 31/12/16 Former  
Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Information Technology, Tampere University of Technology  
Master of Science, Mathematics, University of Tampere

**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences  
Person: Teaching and research staff

**Mikko Johannes Huttunen**

**Organisations**

**Academy Postdoctoral researcher, Physics**

1/01/19 → 31/08/20 Former  
mikko.huttunen@tuni.fi  
Teaching and research staff

**University Teacher, Physics**

1/09/19 → 31/12/12  
Teaching and research staff

**Postdoctoral Researcher, Photonics**

22/05/17 → 31/08/17 Former  
Teaching and research staff

**Academy Postdoctoral researcher, Photonics**

1/09/17 → 28/03/19 Former  
mikko.j.huttunen@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Department of Physics**

1/09/13 → 31/12/13 Former  
Teaching and research staff

**Member of Research Group, Research group: Nonlinear Optics**

1/01/17 → 31/08/20 Former  
Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Science and Engineering, Tampere University of Technology  
Master of Science (Technology), Tampere University of Technology

### **Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

### **Petteri Huttunen**

#### **Organisations**

##### **Väitöskirjatutkija, Civil Engineering**

1/07/20 → 31/12/20 Former

petteri.huttunen@tuni.fi

Teaching and research staff

##### **Doctoral Student, Civil Engineering**

1/01/19 → 30/06/20 Former

petteri.huttunen@tuni.fi

Teaching and research staff

##### **Doctoral Student, Civil Engineering**

1/01/17 → 31/12/18 Former

petteri.huttunen@tut.fi

Teaching and research staff

##### **Doctoral Student, Department of Civil Engineering**

1/01/15 → 31/12/16 Former

Teaching and research staff

##### **Project Researcher, Department of Civil Engineering**

1/11/14 → 31/12/14 Former

Teaching and research staff

##### **Member of Research Group, Research group: Building Physics**

1/04/14 → 30/06/20 Former

Teaching and research staff

##### **Member of Research Group, Research group: Building Physics**

1/04/14 → 17/10/18 Former

Teaching and research staff

#### **Education/Academic qualification**

Master of Science (Technology), Building Construction, Community Development, Tampere University of Technology

Other or Unknown Education in Technology, Lower-Degree Level Tertiary Education, Tampere University of Technology

### **Keyword groups**

Field of science, Statistics Finland: 212 Civil and construction engineering

Person: Teaching and research staff

### **Mikko Huova**

#### **Organisations**

##### **Academy Postdoctoral researcher, Automation Technology and Mechanical Engineering**

1/09/19 → 31/08/22

mikko.huova@tuni.fi

Teaching and research staff

##### **Senior Research Fellow, Automation Technology and Mechanical Engineering**

1/01/19 → 31/12/12

mikko.huova@tuni.fi

Teaching and research staff

##### **Member of Research Group, Research group: Innovative Hydraulic Automation**

1/10/17 → 31/08/22

Teaching and research staff

##### **Senior Research Fellow, Automation and Hydraulic Engineering**



1/09/18 → 28/03/19 Former  
mikko.huova@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Automation and Hydraulic Engineering**

1/01/17 → 31/08/18 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Intelligent Hydraulics and Automation**

15/10/15 → 31/12/16 Former  
Teaching and research staff

**Doctoral Student, Department of Intelligent Hydraulics and Automation**

1/01/15 → 14/10/15 Former  
Teaching and research staff

**Doctoral Student, Department of Intelligent Hydraulics and Automation**

1/01/14 → 31/12/14 Former  
Teaching and research staff

**Member of Research Group, Research group: Digital hydraulics**

1/01/15 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Intelligent drives and actuators**

1/01/17 → 30/09/17 Former  
Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Automation Engineering, Tampere University of Technology  
Master of Science (Technology), Automation Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering  
Person: Teaching and research staff

**Lionel Hulttinen**

**Organisations**

**Väitöskirjatutkija, Automation Technology and Mechanical Engineering**

1/01/20 → 31/12/20 Former  
lionel.hulttinen@tuni.fi  
Teaching and research staff

**Project Researcher, Automation Technology and Mechanical Engineering**

1/06/19 → 31/12/19 Former  
lionel.hulttinen@tuni.fi  
Teaching and research staff

**Project Researcher, Automation and Hydraulic Engineering**

1/09/18 → 31/12/18 Former  
lionel.hulttinen@tut.fi  
Teaching and research staff

**Member of Research Group, Research group: Innovative Hydraulic Automation**

1/10/17 → 31/12/19 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Automation Engineering, Tampere University of Technology  
Bachelor of Science (Technology), Automation Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering  
Person: Teaching and research staff

## **Hanna Hulkkonen**

### **Organisations**

#### **Doctoral Student, Physics**

1/01/19 → 31/12/20 Former  
hanna.hulkkonen@tuni.fi  
Teaching and research staff

#### **Doctoral Student, Photonics**

1/01/17 → 28/03/19 Former  
hanna.hulkkonen@tut.fi  
Teaching and research staff

#### **Project Researcher, Optoelectronics Research Centre**

1/02/16 → 31/08/16 Former  
Teaching and research staff

#### **Doctoral Student, Optoelectronics Research Centre**

1/09/16 → 13/01/17 Former  
Teaching and research staff

#### **Member of Research Group, Research group: Nanophotonics**

1/01/17 → 31/12/20 Former  
Teaching and research staff

#### **Member of Research Group, Research group: Nanophotonics**

1/01/13 → 31/12/16 Former  
Teaching and research staff

### **Education/Academic qualification**

Master of Science (Technology), Aalto University  
Bachelor of Science (Technology), Aalto University

### **Keyword groups**

Field of science, Statistics Finland: 221 Nanotechnology  
Person: Teaching and research staff

## **Terttu Hukka**

### **Organisations**

#### **University Lecturer, Materials Science and Environmental Engineering**

1/01/19 → 31/12/12  
terttu.hukka@tuni.fi  
Teaching and research staff

#### **Member of Research Group, Research group: Chemistry & Advanced Materials**

1/01/17 → 31/12/12  
Teaching and research staff

#### **University Lecturer, Department of Chemistry and Bioengineering**

1/02/11 → 31/12/16 Former  
Teaching and research staff

#### **University Lecturer, Chemistry and Bioengineering**

1/01/17 → 28/03/19 Former  
terttu.hukka@tut.fi  
Teaching and research staff

#### **Member of Research Group, Research group: Supramolecular photochemistry**

1/01/13 → 31/12/16 Former  
Teaching and research staff

### **Education/Academic qualification**

Doctor of Philosophy, Chemistry, University of Joensuu  
Licentiate of Philosophy, Chemistry, University of Jyväskylä

#### **Keyword groups**

Field of science, Statistics Finland: 116 Chemical sciences  
Field of science, Academy of Finland: 106 Chemistry  
TUT Thematic Areas: Energy- and eco-efficiency  
Person: Teaching and research staff

#### **Jukka Huhtamäki**

##### **Grants and awards**

01.05.2018 - 30.06.2018. . .  
31.10.2017 - 01.12.2017. . .  
10.10.2016 - 09.11.2016. . .

##### **Organisations**

##### **Postdoctoral Researcher, Information and Knowledge Management**

1/02/19 → 30/04/21  
jukka.huhtamaki@tuni.fi  
Teaching and research staff

##### **Project Manager, Information and Knowledge Management**

1/01/19 → 31/12/12  
Teaching and research staff

##### **Member of Research Group, Research group: Business Data Research Group**

1/01/17 → 30/04/21  
Teaching and research staff

##### **Postdoctoral Researcher, Industrial and Information Management**

1/09/17 → 31/12/18 Former  
jukka.huhtamaki@tut.fi  
Teaching and research staff

##### **Postdoctoral Researcher, Industrial and Information Management**

1/01/17 → 31/08/17 Former  
Teaching and research staff

##### **Project Manager, Department of Mathematics**

1/05/14 → 31/12/16 Former  
Teaching and research staff

##### **Member of Research Group, Research group: MAT Intelligent Information Systems Laboratory**

1/10/12 → 31/12/16 Former  
Teaching and research staff

##### **Education/Academic qualification**

Doctor of Science (Technology), Science and Engineering, Tampere University of Technology  
Master of Science (Technology), Information Technology, Tampere University of Technology

#### **Keyword groups**

Field of science, Statistics Finland: 512 Business and management  
Person: Teaching and research staff

#### **Kalevi Huhtala**

##### **Organisations**

##### **Professor, Automation Technology and Mechanical Engineering**

1/01/19 → 31/12/12  
kalevi.huhtala@tuni.fi  
Teaching and research staff

##### **Head of Research Group, Research group: Innovative Hydraulic Automation**

1/10/17 → 31/12/12  
Teaching and research staff

**Professor, Department of Intelligent Hydraulics and Automation**  
1/01/10 → 31/12/16 Former  
Teaching and research staff

**Professor, Automation and Hydraulic Engineering**  
1/01/17 → 28/03/19 Former  
kalevi.huhtala@tut.fi  
Teaching and research staff

**Head of Department, Department of Intelligent Hydraulics and Automation**  
1/01/14 → 31/12/16 Former  
Teaching and research staff

**Automation and Hydraulic Engineering**  
1/01/17 → 28/03/19 Former  
Teaching and research staff

**Head of Research Group, Research group: Fluid power automation in mobile machines**  
1/01/15 → 19/04/17 Former  
Teaching and research staff

**Head of Research Group, Research group: Autonomous heavy duty vehicles**  
1/01/17 → 20/10/17 Former  
Teaching and research staff

**Supervisor for**

**Education/Academic qualification**  
Doctor of Science (Technology), Automation Engineering, Tampere University of Technology  
Licentiate of Science (Technology), Tampere University of Technology

**Keyword groups**  
Field of science, Statistics Finland: 214 Mechanical engineering  
Person: Teaching and research staff

**Konsta Huhtala**

**Organisations**

**Väitöskirjatutkija, Computing Sciences**  
1/01/20 → 31/08/21  
konsta.huhtala@tuni.fi  
Teaching and research staff

**Doctoral Student, Computing Sciences**  
1/01/19 → 31/12/19 Former  
konsta.huhtala@tuni.fi  
Teaching and research staff

**Doctoral Student, Computing Sciences**  
1/01/19 → 27/04/19 Former  
konsta.huhtala@tuni.fi  
Teaching and research staff

**Doctoral Student, Mathematics**  
20/11/18 → 28/03/19 Former  
konsta.huhtala@tut.fi  
Teaching and research staff

**Doctoral Student, Mathematics**  
20/11/17 → 19/11/18 Former  
Teaching and research staff

**Member of Research Group, Research group: Computer Science and Applied Logics**

1/01/17 → 31/12/19 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Science and Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 111 Mathematics

Person: Teaching and research staff

**Quentin Houbre**

**Organisations**

**Doctoral Student, Automation Technology and Mechanical Engineering**

1/01/19 → 1/01/22

quentin.houbre@tuni.fi

Teaching and research staff

**Doctoral Student, Automation and Hydraulic Engineering**

8/01/18 → 28/03/19 Former

quentin.houbre@tut.fi

Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Université de Lorraine

**Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering

Person: Teaching and research staff

**Juuso Horelli**

**Organisations**

**Doctoral Student, Architecture**

2/01/19 → 31/12/22

juuso.horelli@tuni.fi

Teaching and research staff

**Teacher, hourly paid, Architecture**

9/01/17 → 3/05/17 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

19/10/15 → 31/12/15 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

7/03/16 → 18/04/16 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

30/03/15 → 31/05/15 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

1/10/14 → 31/12/14 Former

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 211 Architecture

Person: Teaching and research staff

## **Mari Honkanen**

### **Organisations**

#### **Faculty of Engineering and Natural Sciences**

1/01/19 → 31/12/12

mari.honkanen@tuni.fi

Teaching and research staff

#### **Member of Research Group, Research group: Materials Characterization**

1/01/17 → 31/12/12

Teaching and research staff

#### **Senior Research Fellow, Department of Materials Science**

1/01/16 → 31/12/16 Former

Teaching and research staff

#### **Senior Research Fellow, Materials Science**

1/01/17 → 31/01/18 Former

Teaching and research staff

#### **Postdoctoral Researcher, Department of Materials Science**

1/01/15 → 31/12/15 Former

Teaching and research staff

#### **Postdoctoral Researcher, Department of Materials Science**

1/05/13 → 31/12/14 Former

Teaching and research staff

#### **Member of Research Group, Research group: Materials Characterization**

1/01/15 → 31/12/16 Former

Teaching and research staff

#### **Faculty of Engineering Sciences**

1/02/18 → 28/03/19 Former

mari.honkanen@tut.fi

Teaching and research staff

#### **Education/Academic qualification**

Doctor of Science (Technology), Materials Technology, Rock Engineering, Tampere University of Technology

Master of Science (Technology), Tampere University of Technology

#### **Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering

Person: Teaching and research staff

## **Mikko Hongisto**

### **Organisations**

#### **Väitöskirjatutkija, Physics**

1/10/19 → 31/08/21

mikko.hongisto@tuni.fi

Teaching and research staff

#### **Physics**

18/03/19 → 31/12/19 Former

mikko.hongisto@tuni.fi

Teaching and research staff

#### **Keyword groups**

Field of science, Statistics Finland: 221 Nanotechnology

Person: Teaching and research staff

## **Sami Holopainen**

## Organisations

### Postdoctoral Researcher, Civil Engineering

1/01/19 → 31/12/19 Former  
sami.holopainen@tuni.fi  
Teaching and research staff

### Postdoctoral Researcher, Civil Engineering

1/01/20 → present  
Teaching and research staff

### Postdoctoral Researcher, Civil Engineering

1/01/17 → 31/12/17 Former  
Teaching and research staff

### Postdoctoral Researcher, Civil Engineering

3/09/18 → 31/12/18 Former  
sami.holopainen@tut.fi  
Teaching and research staff

### Postdoctoral Researcher, Civil Engineering

1/01/18 → 3/09/18 Former  
Teaching and research staff

### Postdoctoral Researcher, Department of Mechanical Engineering and Industrial Systems

1/01/16 → 31/12/16 Former  
Teaching and research staff

### Postdoctoral Researcher, Department of Mechanical Engineering and Industrial Systems

1/08/15 → 31/12/15 Former  
Teaching and research staff

### Postdoctoral Researcher, Department of Mechanical Engineering and Industrial Systems

1/01/14 → 31/12/14 Former  
Teaching and research staff

### Postdoctoral Researcher, Department of Mechanical Engineering and Industrial Systems

1/01/15 → 31/07/15 Former  
Teaching and research staff

### Member of Research Area, Research area: Applied Mechanics

1/01/14 → 20/10/16 Former  
Teaching and research staff

### Member of Research Group, Research group: Teknillinen mekaniikka ja lujuusoppi

1/01/13 → 31/12/14 Former  
Teaching and research staff

### Member of Research Group, Research group: Structural Mechanics

1/01/14 → 17/10/18 Former  
Teaching and research staff

### Member of Research Group, Research group: Structural Mechanics

1/01/14 → 31/12/19 Former  
Teaching and research staff

## External positions

Researcher  
1 Sep 2008 → 30 Sep 2011

## Education/Academic qualification

Doctor of Science (Technology), Mechanical Engineering, Tampere University of Technology  
Master of Science (Technology), Tampere University of Technology

## Keyword groups

Field of science, Statistics Finland: 214 Mechanical engineering  
Person: Teaching and research staff

## **Suvi Holmstedt**

### **Organisations**

#### **Väitöskirjatutkija, Materials Science and Environmental Engineering**

1/04/19 → 31/03/21 Former  
suvi.holmstedt@tuni.fi  
Teaching and research staff

#### **Doctoral Student, Chemistry and Bioengineering**

1/04/17 → 28/03/19 Former  
suvi.holmstedt@tut.fi  
Teaching and research staff

#### **Doctoral Student, Materials Science and Environmental Engineering**

1/01/19 → 31/03/19 Former  
suvi.holmstedt@tuni.fi  
Teaching and research staff

#### **Member of Research Group, Research group: Chemistry & Advanced Materials**

1/01/17 → 31/03/21 Former  
Teaching and research staff

### **Education/Academic qualification**

Master of Science, Chemistry, University of Jyväskylä  
Bachelor of Science, Chemistry, University of Jyväskylä

### **Keyword groups**

Field of science, Statistics Finland: 218 Environmental engineering  
Person: Teaching and research staff

## **Mikko Hokka**

### **Grants and awards**

CIMO. 16.11.2016 - 18.11.2016. . .

### **Organisations**

#### **Associate Professor (tenure track), Materials Science and Environmental Engineering**

15/11/19 → 31/12/12  
mikko.hokka@tuni.fi  
Teaching and research staff

#### **Member of Research Group, Research group: Materials Characterization**

1/01/17 → 31/12/12  
Teaching and research staff

#### **University Lecturer, Materials Science**

1/01/17 → 31/01/18 Former  
Teaching and research staff

#### **Assistant Professor (tenure track), Materials Science and Environmental Engineering**

1/01/19 → 1/12/19 Former  
mikko.hokka@tuni.fi  
Teaching and research staff

#### **Assistant Professor (tenure track), Materials Science**

1/02/18 → 28/03/19 Former  
mikko.hokka@tut.fi  
Teaching and research staff

#### **University Lecturer, Department of Materials Science**

1/02/14 → 31/12/16 Former  
Teaching and research staff



**Member of Research Group, Research group: Materials Characterization**

1/01/15 → 31/12/16 Former  
Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Materials Technology, Rock Engineering, Tampere University of Technology  
Master of Science (Technology), Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering  
Person: Teaching and research staff

**Jani Hirvonen****Organisations****University Teacher, Computing Sciences**

1/01/19 → 31/12/12  
jani.hirvonen@tuni.fi  
Teaching and research staff

**University Teacher, Mathematics**

1/06/18 → 28/03/19 Former  
jani.hirvonen@tut.fi  
Teaching and research staff

**University Teacher, Computing Sciences**

1/01/19 → 27/04/19 Former  
jani.hirvonen@tuni.fi  
Teaching and research staff

**University Teacher, Mathematics**

1/01/18 → 31/05/18 Former  
Teaching and research staff

**Teacher, hourly paid, Mathematics**

23/10/17 → 8/12/17 Former  
Teaching and research staff

**Teacher, hourly paid, Mathematics**

23/10/17 → 1/12/17 Former  
Teaching and research staff

**Teacher, hourly paid, Mathematics**

4/09/17 → 20/10/17 Former  
Teaching and research staff

**Teacher, hourly paid, Mathematics**

6/03/17 → 24/04/17 Former  
Teaching and research staff

**Teacher, hourly paid, Mathematics**

5/05/17 → 19/06/17 Former  
Teaching and research staff

**Teacher, hourly paid, Mathematics**

9/01/17 → 24/02/17 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**

29/08/16 → 14/10/16 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**

24/10/16 → 1/11/16 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
26/07/16 → 18/08/16 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
7/03/16 → 29/04/16 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
23/05/16 → 16/06/16 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
11/01/16 → 26/02/16 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
24/08/15 → 9/10/15 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
12/01/15 → 6/03/15 Former  
Teaching and research staff

**University Teacher, Department of Mathematics**  
1/08/14 → 31/12/14 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
16/03/15 → 15/05/15 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
1/06/15 → 26/06/15 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
20/07/15 → 14/08/15 Former  
Teaching and research staff

**Teacher, hourly paid, Department of Mathematics**  
19/10/15 → 4/12/15 Former  
Teaching and research staff

#### **Education/Academic qualification**

Doctor of Philosophy, Other or Unknown Arts Research Field, Tampere University of Technology  
Licentiate of Philosophy, Mathematics, University of Joensuu

#### **Keyword groups**

Field of science, Statistics Finland: 111 Mathematics  
Person: Teaching and research staff

#### **Teemu Hirvilammi**

##### **Organisations**

**University Teacher, Architecture**  
3/08/20 → 31/12/12  
teemu.hirvilammi@tuni.fi  
Teaching and research staff

**University Teacher, Architecture**  
1/01/17 → 31/01/18 Former  
Teaching and research staff

**University Teacher, Architecture**  
1/02/18 → 31/05/18 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

19/10/15 → 31/12/15 Former

Teaching and research staff

**University Teacher, School of Architecture**

1/10/16 → 31/12/16 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

14/01/15 → 31/05/15 Former

Teaching and research staff

**Teacher, hourly paid, School of Architecture**

1/09/14 → 31/12/14 Former

Teaching and research staff

**Member of Research Group, Research group: ASUTUT**

1/01/17 → 31/05/18 Former

Teaching and research staff

**Education/Academic qualification**

Master of Science (Architecture), Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 211 Architecture

Person: Teaching and research staff

**Mika Hirsimäki**

**Title of docent at TUT**

Materiaalifysiikka. Optoelektroniikan tutkimuskeskus. 2016 - 2021.

Materiaalifysiikka. Fysiikka. 2007 - 2014.

**Organisations**

**Faculty of Engineering and Natural Sciences**

1/01/19 → 31/12/12

mika.hirsimaki@tuni.fi

Teaching and research staff

**Member of Research Group, Research group: Surface Science**

1/01/17 → 31/12/12

Teaching and research staff

**Senior Research Fellow, Photonics**

1/01/17 → 28/02/18 Former

Teaching and research staff

**Senior Research Fellow, Optoelectronics Research Centre**

1/07/13 → 31/12/16 Former

Teaching and research staff

**Member of Research Group, Research group: Surface Science**

1/01/13 → 31/12/16 Former

Teaching and research staff

**Faculty of Natural Sciences**

1/03/18 → 28/03/19 Former

mika.hirsimaki@tut.fi

Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Science and Engineering, Tampere University of Technology

Master of Science (Technology), Engineering Physics, Tampere University of Technology

### **Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Field of science, Academy of Finland: 1112 Functional materials, semiconductors, 1114 Metals, 112 Nanoscience and nanotechnology, 1032 Fuel cells, solar energy, 1046 Condensed matter physics

TUT Thematic Areas: Energy- and eco-efficiency, Industrial competitiveness

Person: Teaching and research staff

### **Joonas Hilska**

#### **Organisations**

##### **Doctoral Student, Physics**

1/01/19 → 31/12/20 Former

joonas.hilska@tuni.fi

Teaching and research staff

##### **Doctoral Student, Optoelectronics Research Centre**

1/07/16 → 13/01/17 Former

Teaching and research staff

##### **Doctoral Student, Photonics**

1/01/17 → 28/03/19 Former

joonas.hilska@tut.fi

Teaching and research staff

##### **Member of Research Group, Research group: ORC**

1/01/17 → 31/12/20 Former

Teaching and research staff

##### **Member of Research Group, Research group: Semiconductor Technology and Applications**

1/01/13 → 31/12/16 Former

Teaching and research staff

#### **Education/Academic qualification**

Master of Science (Technology), Science and Engineering, Tampere University of Technology

Bachelor of Science (Technology), Science and Engineering, Tampere University of Technology

### **Keyword groups**

Field of science, Statistics Finland: 221 Nanotechnology

Field of science, Academy of Finland: 104 Physics, 112 Nanoscience and nanotechnology, 111 Materials science and technology

TUT Thematic Areas: Energy- and eco-efficiency

Person: Teaching and research staff

### **Antti Hilden**

#### **Organisations**

##### **Väitöskirjatutkija, Electrical Engineering**

1/01/20 → 31/12/22

antti.t.hilden@tuni.fi

Teaching and research staff

##### **Väitöskirjatutkija, Electrical Engineering**

1/03/19 → 27/04/19 Former

antti.t.hilden@tuni.fi

Teaching and research staff

##### **Väitöskirjatutkija, Operations Management and Planning**

1/03/19 → 5/09/19 Former

antti.t.hilden@tuni.fi

Teaching and research staff

### **Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics

Field of science, Academy of Finland: 1034 Electric power engineering, 1154 Electrical engineering

Person: Teaching and research staff

## **Markus Hiekkamäki**

### **Organisations**

#### **Väitöskirjatutkija, Physics**

1/01/20 → 31/12/23

markus.hiekkamaki@tuni.fi

Teaching and research staff

### **Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

## **Pasi Hellsten**

### **Grants and awards**

01.10.2016 - 31.12.2016. . .

### **Organisations**

#### **Lecturer, Information and Knowledge Management**

1/01/19 → 31/12/12

pasi.hellsten@tuni.fi

Teaching and research staff

#### **Member of Research Group, Research group: Business Data Research Group**

1/01/17 → 31/12/12

Teaching and research staff

#### **Lecturer, Department of Information Management and Logistics**

1/01/10 → 31/12/16 Former

Teaching and research staff

#### **Lecturer, Industrial and Information Management**

1/01/17 → 28/03/19 Former

pasi.hellsten@tut.fi

Teaching and research staff

#### **Member of Research Group, Research group: Novi**

1/01/13 → 31/12/16 Former

Teaching and research staff

### **Education/Academic qualification**

Doctor of Science (Technology), Industrial Management, Tampere University of Technology

Master of Science (Technology), Industrial Management, Tampere University of Technology

Diploma in Business and Administration, Kuopion kauppaoppilaitos

### **Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences

Person: Teaching and research staff

## **Juhani Heljo**

### **Organisations**

#### **Project Manager, Civil Engineering**

1/01/20 → 31/12/20 Former

juhani.heljo@tuni.fi

Teaching and research staff

#### **Project Manager, Civil Engineering**

1/01/17 → 30/06/18 Former

Teaching and research staff

**Project Manager, Civil Engineering**

1/07/18 → 28/03/19 Former

juhani.heljo@tut.fi

Teaching and research staff

**Project Manager, Department of Civil Engineering**

1/11/12 → 31/12/16 Former

Teaching and research staff

**Member of Research Group, Research group: Real estate development**

1/01/14 → 31/12/16 Former

Teaching and research staff

**Member of Research Group, Research group: Responsible Construction**

1/01/14 → 17/10/18 Former

Teaching and research staff

**Member of Research Group, Research group: Responsible Construction**

1/01/14 → 31/12/19 Former

Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Building Construction, Community Development, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 212 Civil and construction engineering

Person: Teaching and research staff

**Marko Helenius****Organisations****University Teacher, Computing Sciences**

1/01/19 → 31/12/12

marko.helenius@tuni.fi

Teaching and research staff

**Member of Research Area, Research area: Information security**

1/01/17 → 31/12/12

Teaching and research staff

**University Teacher, Department of Pervasive Computing**

1/06/16 → 31/12/16 Former

Teaching and research staff

**University Teacher, Computing Sciences**

1/01/19 → 27/04/19 Former

marko.helenius@tuni.fi

Teaching and research staff

**University Teacher, Pervasive Computing**

1/01/17 → 28/03/19 Former

marko.t.helenius@tut.fi

Teaching and research staff

**Senior Research Fellow, Department of Pervasive Computing**

1/01/15 → 31/05/16 Former

Teaching and research staff

**Postdoctoral Researcher, Department of Pervasive Computing**

1/01/12 → 31/12/14 Former

Teaching and research staff

**Member of Research Area, Research area: Information security**

1/01/15 → 31/12/16 Former

Teaching and research staff

**Education/Academic qualification**

Doctor of Philosophy, Computer Science, University of Tampere

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics

Person: Teaching and research staff

**Nina Helander****Grants and awards**

CIMO. 12.12.2016 - 16.12.2016. . .

**Organisations****Professor, Information and Knowledge Management**

1/01/19 → 31/12/12

nina.helander@tuni.fi

Teaching and research staff

**Head of Research Group, Research group: Knowledge and Learning Research Center**

1/01/17 → 31/12/12

Teaching and research staff

**Associate Professor (tenure track), Industrial and Information Management**

1/01/17 → 31/08/17 Former

Teaching and research staff

**Professor, Industrial and Information Management**

1/09/17 → 28/03/19 Former

nina.helander@tut.fi

Teaching and research staff

**Associate Professor (tenure track), Department of Information Management and Logistics**

1/01/15 → 31/12/16 Former

Teaching and research staff

**Vice Head of Department, Department of Information Management and Logistics**

1/10/15 → 31/12/16 Former

Teaching and research staff

**Industrial and Information Management**

1/10/17 → 28/03/19 Former

Teaching and research staff

**Member of Research Group, Research group: Novi**

1/01/13 → 31/12/16 Former

Teaching and research staff

**Supervisor for****Education/Academic qualification**

Doctor of Science (Economics and Business Administration), University of Oulu

Master of Science (Economics and Business Administration), University of Oulu

**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences

Person: Teaching and research staff

**Toni Heittola****Organisations****Väitöskirjatutkija, Computing Sciences**

1/05/20 → 31/01/21 Former

toni.heittola@tuni.fi

Teaching and research staff

**Doctoral Student, Computing Sciences**

1/01/19 → 30/04/20 Former

toni.heittola@tuni.fi

Teaching and research staff

**Doctoral Student, Computing Sciences**

1/01/19 → 27/04/19 Former

toni.heittola@tuni.fi

Teaching and research staff

**Doctoral Student, Signal Processing**

1/01/18 → 28/03/19 Former

toni.heittola@tut.fi

Teaching and research staff

**Doctoral Student, Signal Processing**

1/01/17 → 31/12/17 Former

Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/01/16 → 31/12/16 Former

Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/07/15 → 31/12/15 Former

Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/01/14 → 31/12/14 Former

Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/01/15 → 30/06/15 Former

Teaching and research staff

**Member of Research Group, Research group: Audio research group**

1/01/14 → 31/12/16 Former

Teaching and research staff

**Member of Research Group, Research group: Audio research group - ARG**

1/01/17 → 30/04/20 Former

Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Information Technology, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences

Person: Teaching and research staff

**Mikko Heino****Organisations****Project Researcher, Electrical Engineering**

15/01/20 → 31/12/22

mikko.heino@tuni.fi

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics

Person: Teaching and research staff

**Arttu Heininen****Organisations**



**Väitöskirjatutkija, Automation Technology and Mechanical Engineering**

1/03/19 → 31/08/20 Former  
arttu.heininen@tuni.fi  
Teaching and research staff

**Doctoral Student, Mechanical Engineering and Industrial Systems**

1/04/17 → 31/12/18 Former  
arttu.heininen@tut.fi  
Teaching and research staff

**Doctoral Student, Department of Mechanical Engineering and Industrial Systems**

1/02/16 → 31/05/16 Former  
Teaching and research staff

**Doctoral Student, Mechanical Engineering and Industrial Systems**

1/01/17 → 31/03/17 Former  
Teaching and research staff

**Doctoral Student, Department of Mechanical Engineering and Industrial Systems**

1/06/16 → 31/12/16 Former  
Teaching and research staff

**Member of Research Area, Research area: Design, Development and LCM**

1/01/17 → 31/08/20 Former  
Teaching and research staff

**Member of Research Area, Research area: Life-cycle Management**

1/01/14 → 20/10/16 Former  
Teaching and research staff

**Member of Research Area, Research area: Design, Development and LCM**

1/01/14 → 31/12/16 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Mechanical Engineering, Tampere University of Technology  
Bachelor of Science (Technology), Mechanical Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering  
Person: Teaching and research staff

**Jouko Heikkinen****Organisations****University Teacher, Electrical Engineering**

1/01/19 → 31/12/12  
jouko.heikkinen@tuni.fi  
Teaching and research staff

**Member of Research Group, Research group: Wireless Communications and Positioning**

1/01/17 → 31/12/12  
Teaching and research staff

**University Teacher, Department of Electronics and Communications Engineering**

1/05/10 → 31/12/16 Former  
Teaching and research staff

**University Teacher, Electrical Engineering**

1/01/19 → 27/04/19 Former  
jouko.heikkinen@tuni.fi  
Teaching and research staff

**University Teacher, Electronics and Communications Engineering**

1/01/17 → 28/03/19 Former  
jouko.heikkinen@tut.fi

Teaching and research staff

**Member of Research Group, Research group: Personal Electronics Group**

1/01/13 → 31/12/16 Former

Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Electrical Engineering, Tampere University of Technology

Master of Science (Technology), Automation Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics

Person: Teaching and research staff

**Jussi Heikkilä**

**Organisations**

**Professor, Industrial Engineering and Management**

1/01/19 → 31/12/12

jussi.heikkila@tuni.fi

Teaching and research staff

**Member of Research Group, Research group: Center for Research on Operations Projects and Services**

1/01/17 → 31/12/12

Teaching and research staff

**Research group: Operations and Supply Chain Group (OSCG)**

1/01/19 → present

Teaching and research staff

**Professor, Department of Industrial Management**

15/12/14 → 31/12/16 Former

Teaching and research staff

**Professor, Industrial and Information Management**

1/01/17 → 28/03/19 Former

jussi.heikkila@tut.fi

Teaching and research staff

**Postdoctoral Researcher, Department of Industrial Management**

1/09/14 → 14/12/14 Former

Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Teknillinen korkeakoulu

**Keyword groups**

Field of science, Statistics Finland: 512 Business and management

Person: Teaching and research staff

**Paavo Heikkilä**

**Organisations**

**Väitöskirjatutkija, Physics**

1/02/19 → 31/03/23

paavo.heikkila@tuni.fi

Teaching and research staff

**Teacher, hourly paid, Faculty of Engineering and Natural Sciences**

7/01/19 → 26/04/19 Former

Teaching and research support staff

**Teacher, hourly paid, Department of Physics**

7/03/16 → 29/04/16 Former

Teaching and research staff

**Teacher, hourly paid, Department of Physics**

18/01/16 → 26/02/16 Former

Teaching and research staff

**Teacher, hourly paid, Department of Physics**

31/08/15 → 4/12/15 Former

Teaching and research staff

**Teacher, hourly paid, Department of Physics**

1/09/14 → 5/12/14 Former

Teaching and research staff

**Member of Research Area, Research area: Aerosol Physics**

1/01/14 → 29/04/16 Former

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research support staff, Teaching and research staff

**Mohsen Hayeri**

**Organisations**

**Project Researcher, Physics**

17/02/20 → 30/06/21

mohsen.hayeri@tuni.fi

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

**Arttu Hautakoski**

**Organisations**

**Research Assistant, Automation and Hydraulic Engineering**

1/01/19 → present

Person:

**David Hästbacka**

**Organisations**

**Academy Postdoctoral researcher, Computing Sciences**

1/01/19 → 31/08/20 Former

david.hastbacka@tuni.fi

Teaching and research staff

**Assistant Professor (tenure track), Computing Sciences**

1/03/19 → 28/02/24

Teaching and research staff

**Academy Postdoctoral researcher, Pervasive Computing**

20/02/18 → 28/03/19 Former

david.hastbacka@tut.fi

Teaching and research staff

**Academy Postdoctoral researcher, Computing Sciences**

1/01/19 → 27/04/19 Former

david.hastbacka@tuni.fi

Teaching and research staff

**Assistant Professor (tenure track), Pervasive Computing**

1/02/18 → 28/03/19 Former  
Teaching and research staff

**Academy Postdoctoral researcher, Automation and Hydraulic Engineering**

1/09/17 → 19/02/18 Former  
Teaching and research staff

**Postdoctoral Researcher, Automation and Hydraulic Engineering**

1/01/17 → 31/08/17 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Automation Science and Engineering**

1/06/15 → 31/12/16 Former  
Teaching and research staff

**Teaching associate, Department of Automation Science and Engineering**

1/08/12 → 31/05/15 Former  
Teaching and research staff

**Assistant Professor (tenure track), Computing Sciences**

1/03/19 → 27/04/19 Former  
Teaching and research staff

**Member of Research Area, Research area: Information Systems in Automation**

1/01/14 → 31/12/16 Former  
Teaching and research staff

**Member of Research Area, Research area: Information Systems in Automation**

1/01/17 → 30/09/17 Former  
Teaching and research staff

**Member of Research Group, Research group: Automation and Systems Theory**

1/10/17 → 31/08/20 Former  
Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Automation Engineering, Tampere University of Technology  
Master of Science (Technology), Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics  
Field of science, Academy of Finland: 1172 Software engineering, operating systems, man-computer interaction  
TUT Thematic Areas: Digital operating environment, Industrial competitiveness  
Person: Teaching and research staff

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1/09/19 → 31/12/21  
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Teaching and research staff

**Member of Research Group, Research group: Earth Constructions**

1/01/14 → 31/12/21  
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**Project Manager, Civil Engineering**

1/02/18 → 31/12/18 Former  
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**Postdoctoral Researcher, Civil Engineering**

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**Project Manager, Civil Engineering**

1/01/17 → 31/01/18 Former  
Teaching and research staff

**Project Manager, Department of Civil Engineering**

1/09/16 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Earth Constructions**

1/01/14 → 17/10/18 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Teknillinen korkeakoulu

**Keyword groups**

Field of science, Statistics Finland: 212 Civil and construction engineering  
Person: Teaching and research staff

**Maria Hartikainen**

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**Project Researcher, Computing Sciences**

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**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences  
Person: Teaching and research staff

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1/03/19 → 31/12/21  
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**Project Researcher, Industrial and Information Management**

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Teaching and research staff

**Doctoral Student, Industrial and Information Management**

1/06/17 → 31/12/17 Former  
Teaching and research staff

**Project Researcher, Teaching and Learning Services**

1/08/16 → 31/12/16 Former  
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**Keyword groups**

Keywords: LB2300 Higher Education

Field of science, Statistics Finland: 516 Educational sciences  
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## **Maarit Hannele Harsu**

### **Organisations**

#### **University Teacher, Computing Sciences**

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#### **University Lecturer, Computing Sciences**

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Teaching and research staff

#### **University Lecturer, Computing Sciences**

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#### **University Lecturer, Pervasive Computing**

1/08/17 → 15/04/18 Former  
Teaching and research staff

#### **University Teacher, Department of Pervasive Computing**

1/08/16 → 1/11/16 Former  
Teaching and research staff

#### **University Teacher, Department of Software Systems**

1/08/12 → 31/12/12 Former  
Teaching and research staff

### **Education/Academic qualification**

Licentiate of Philosophy, Mathematics, Tampereen yliopisto  
Doctor of Philosophy, Technology, University of Tampere  
Licentiate of Philosophy, University of Tampere

### **Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences  
Person: Teaching and research staff

## **Linnea Harala**

### **Organisations**

#### **Research Assistant, Industrial Engineering and Management**

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Teaching and research support staff

#### **Research group: Center for Innovation and Technology Research**

1/09/19 → present  
Teaching and research staff

### **Keyword groups**

Field of science, Statistics Finland: 512 Business and management  
Person: Teaching and research support staff, Teaching and research staff

## Henri Hansen

### Title of docent at TUT

Matemaattinen logiikka tietojenkäsittelyssä. Teknis-luonnontieteellinen tiedekunta. 2017 - 2021.

### Organisations

#### University Lecturer, Computing Sciences

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#### Research fellow, Department of Mathematics

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#### Member of Research Group, Research group: MAT Computer Science and Applied Logics

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### Supervisor for

#### Education/Academic qualification

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#### Keyword groups

Field of science, Statistics Finland: 111 Mathematics

Person: Teaching and research staff

## Markku Hannula

### Grants and awards

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### Organisations

#### Postdoctoral Researcher, Physics

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Other or Unknown Education in Technology, Lower-Degree Level Tertiary Education, Tampere University of Technology

#### **Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences  
TUT Thematic Areas: Energy- and eco-efficiency  
Person: Teaching and research staff

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**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences

Person: Teaching and research staff

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**Education/Academic qualification**

Master of Science (Technology), Aalto-yliopisto

**Keyword groups**

Field of science, Statistics Finland: 219 Environmental biotechnology

Person: Teaching and research staff

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1/01/17 → 31/12/12

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Teaching and research staff

**Member of Research Area, Research area: Computer engineering**

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Doctor of Science (Technology), Electrical Engineering, Tampere University of Technology

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**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics

Person: Teaching and research staff

**Heidi Halonen**

**Grants and awards**

Suomalainen Tiedeakatemia. 01.11.2016 - 31.10.2017. . .

Suomen kulttuurirahaston Kainuun rahasto. 01.04.2016 - 31.10.2016. . .

Instrumentariumin tiedesäätiö. 01.06.2015 - 31.03.2016. . .

Tampereen kaupunki. 01.01.2015 - 31.03.2015. Finland. .

**Organisations**

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Teaching and research staff

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**Doctoral Student, Department of Electronics and Communications Engineering**

1/05/15 → 31/05/15 Former

Teaching and research staff

**Doctoral Student, Department of Electronics and Communications Engineering**

1/06/14 → 31/12/14 Former

Teaching and research staff

**Member of Research Group, Research group: Computational Biophysics and Imaging Group**  
1/01/13 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Computational Biophysics and Imaging Group**  
1/01/17 → 31/12/19 Former  
Teaching and research staff

#### **Education/Academic qualification**

Master of Science (Technology), Electrical Engineering, Tampere University of Technology

#### **Keyword groups**

Field of science, Statistics Finland: 217 Medical engineering

Person: Teaching and research staff

### **Aki Halme**

#### **Organisations**

##### **Doctoral Student, Electrical Engineering**

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##### **Doctoral Student, Electronics and Communications Engineering**

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##### **Doctoral Student, Electrical Engineering**

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Teaching and research staff

##### **Doctoral Student, Electronics and Communications Engineering**

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Teaching and research staff

##### **Doctoral Student, Electronics and Communications Engineering**

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Teaching and research staff

##### **Doctoral Student, Electronics and Communications Engineering**

1/09/17 → 31/12/17 Former

Teaching and research staff

##### **Project Researcher, Electronics and Communications Engineering**

1/01/17 → 31/08/17 Former

Teaching and research staff

##### **Project Researcher, Department of Electronics and Communications Engineering**

1/01/16 → 31/12/16 Former

Teaching and research staff

##### **Project Researcher, Department of Electronics and Communications Engineering**

1/07/15 → 31/12/15 Former

Teaching and research staff

##### **Project Researcher, Department of Electronics and Communications Engineering**

1/09/14 → 31/10/14 Former

Teaching and research staff

##### **Project Researcher, Department of Electronics and Communications Engineering**

1/11/14 → 31/12/14 Former

Teaching and research staff

##### **Project Researcher, Department of Electronics and Communications Engineering**

1/01/15 → 30/04/15 Former  
Teaching and research staff

**Project Researcher, Department of Electronics and Communications Engineering**

1/05/15 → 30/06/15 Former  
Teaching and research staff

**Member of Research Group, Research group: Personal Electronics Group**

1/01/17 → 31/12/20 Former  
Teaching and research staff

**Member of Research Group, Research group: Personal Electronics Group**

1/01/13 → 31/12/16 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Telecommunications Technology, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics  
Person: Teaching and research staff

**Alexandre Halbach**

**Organisations**

**Postdoctoral Researcher, Electrical Engineering**

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**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics  
Person: Teaching and research staff

**Teemu Hakkarainen**

**Grants and awards**

31.03.2017 - 30.04.2017. . .

**Organisations**

**Senior Research Fellow, Physics**

1/09/19 → 31/08/23  
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Teaching and research staff

**Member of Research Group, Research group: ORC**

1/01/17 → 31/08/23  
Teaching and research staff

**Academy Postdoctoral researcher, Optoelectronics Research Centre**

1/09/16 → 31/12/16 Former  
Teaching and research staff

**Academy Postdoctoral researcher, Physics**

1/01/19 → 31/08/19 Former  
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Teaching and research staff

**Academy Postdoctoral researcher, Photonics**

1/01/17 → 28/03/19 Former  
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**Postdoctoral Researcher, Optoelectronics Research Centre**

1/04/14 → 31/08/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Semiconductor Technology and Applications**

1/01/13 → 31/12/16 Former  
Teaching and research staff

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Doctor of Science (Technology), Science and Engineering, Tampere University of Technology  
Master of Science (Technology), Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 221 Nanotechnology  
Person: Teaching and research staff

**Pauli Hakala**

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Field of science, Statistics Finland: 114 Physical sciences  
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**Project Researcher, Chemistry and Bioengineering**

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**Project Researcher, Chemistry and Bioengineering**

4/06/18 → 30/11/18 Former  
Teaching and research staff

**Member of Research Group, Research group: Bio- and Circular Economy**

1/01/17 → 31/01/21 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Biotechnology, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences  
Person: Teaching and research staff

**Markus Haikola**

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1/01/19 → 30/09/22

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1/01/14 → 30/09/22

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**Doctoral Student, Civil Engineering**

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**Education/Academic qualification**

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Field of science, Statistics Finland: 212 Civil and construction engineering

Person: Teaching and research staff

**Mohsin Habib****Organisations****Doctoral Student, Physics**

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**Doctoral Student, Photonics**

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Master of Science (Technology), Electrical Engineering, Bilkent University

**Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

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**Jukka Haavisto****Organisations****Project Manager, Civil Engineering**

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Teaching and research staff

**Member of Research Group, Research group: Concrete and Bridge Structures**

1/09/16 → 31/12/12

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**Project Manager, Civil Engineering**

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Teaching and research staff

**Project Manager, Department of Civil Engineering**

1/01/16 → 31/12/16 Former

Teaching and research staff

**Project Researcher, Department of Civil Engineering**

1/01/15 → 31/12/15 Former  
Teaching and research staff

**Project Researcher, Department of Civil Engineering**

1/01/14 → 31/12/14 Former  
Teaching and research staff

**Teacher, hourly paid, Civil Engineering**

1/02/19 → 31/05/19 Former  
Teaching and research support staff

**Member of Research Group, Research group: Concrete and Bridge Structures**

1/09/16 → 17/10/18 Former  
Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Building Construction, Community Development, Tampere University of Technology  
Other or Unknown Education in Technology, Lower-Degree Level Tertiary Education, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 212 Civil and construction engineering  
Person: Teaching and research support staff, Teaching and research staff

**Matti Haavisto**

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1/01/19 → 31/12/12  
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**Member of Research Area, Research area: Computer engineering**

1/01/17 → 31/12/12  
Teaching and research staff

**University Teacher, Department of Pervasive Computing**

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**University Teacher, Pervasive Computing**

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**Member of Research Area, Research area: Computer engineering**

1/01/15 → 31/12/16 Former  
Teaching and research staff

**Education/Academic qualification**

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**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics  
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Field of science, Statistics Finland: 116 Chemical sciences  
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Field of science, Statistics Finland: 3111 Biomedicine  
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**Keyword groups**

Field of science, Statistics Finland: 222 Other engineering and technologies  
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