

**Veli-Pekka Pyrhönen**

### **Organisations**

**University Teacher, Automation Technology and Mechanical Engineering**

1/01/19 → 31/12/12

veli-pekka.pyrhonen@tuni.fi

Teaching and research staff

**University Teacher, Automation and Hydraulic Engineering**

1/08/18 → 28/03/19 Former

veli-pekka.pyrhonen@tut.fi

Teaching and research staff

**Doctoral Student, Automation and Hydraulic Engineering**

1/07/18 → 31/07/18 Former

Teaching and research staff

**Doctoral Student, Automation and Hydraulic Engineering**

1/09/17 → 30/06/18 Former

Teaching and research staff

**Doctoral Student, Automation and Hydraulic Engineering**

1/01/17 → 31/08/17 Former

Teaching and research staff

**Doctoral Student, Department of Automation Science and Engineering**

1/07/16 → 31/12/16 Former

Teaching and research staff

**Doctoral Student, Department of Automation Science and Engineering**

1/01/16 → 30/06/16 Former

Teaching and research staff

**Doctoral Student, Department of Automation Science and Engineering**

1/07/15 → 31/12/15 Former

Teaching and research staff

**Doctoral Student, Department of Automation Science and Engineering**

1/01/14 → 31/12/14 Former

Teaching and research staff

**Doctoral Student, Department of Automation Science and Engineering**

1/01/15 → 30/06/15 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: Dynamic Systems**

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 → 31/12/12

Teaching and research staff

### **Education/Academic qualification**

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

### **Keyword groups**

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

Person: Teaching and research staff

## Laura Pylväs

### Organisations

#### Project Researcher, Education

1/03/19 → 31/12/20

[laura.pylvas@tuni.fi](mailto:laura.pylvas@tuni.fi)

Teaching and research staff

#### Doctoral Student, Pervasive Computing

1/02/17 → 31/12/17 Former

Teaching and research staff

#### Doctoral Student, Pervasive Computing

1/01/18 → 28/03/19 Former

[laura.pylvas@tut.fi](mailto:laura.pylvas@tut.fi)

Teaching and research staff

#### Doctoral Student, Pervasive Computing

1/01/17 → 31/01/17 Former

Teaching and research staff

#### Doctoral Student, Department of Pervasive Computing

15/09/16 → 31/12/16 Former

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

#### Doctoral Student, Computing Sciences

1/01/19 → 31/03/19 Former

Teaching and research staff

### Education/Academic qualification

Master of Arts (Education), Educational Science, Tampere Yliopisto

### Keyword groups

Field of science, Statistics Finland: 516 Educational sciences

Person: Teaching and research staff

## Kari Pylkkänen

### Organisations

#### Project Manager, Civil Engineering

1/01/19 → 31/12/12

[kari.pylkkanen@tuni.fi](mailto:kari.pylkkanen@tuni.fi)

Teaching and research staff

#### Project Manager, Department of Civil Engineering

1/01/16 → 31/12/16 Former

Teaching and research staff

#### Project Manager, Civil Engineering

1/01/17 → 28/03/19 Former

[kari.pylkkanen@tut.fi](mailto:kari.pylkkanen@tut.fi)

Teaching and research staff

#### Project Manager, Department of Civil Engineering

1/01/11 → 31/12/15 Former

Teaching and research staff

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

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

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

1/01/14 → 31/12/19  
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

**Janne Puustinen**

**Organisations**

**Doctoral Student, Physics**

1/01/19 → 31/12/19  
janne.puustinen@tuni.fi  
Teaching and research staff

**Doctoral Student, Photonics**

1/01/18 → 28/03/19 Former  
janne.puustinen@tut.fi  
Teaching and research staff

**Doctoral Student, Photonics**

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

**Doctoral Student, Optoelectronics Research Centre**

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

**Research Assistant, Optoelectronics Research Centre**

1/09/14 → 31/12/14 Former  
Teaching and research support staff

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

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

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

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

**Education/Academic qualification**

Master of Science (Technology), Science and Engineering, 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: 221 Nanotechnology

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

**Rakesh Puttreddy**

**Organisations**

**Postdoctoral Researcher, Materials Science and Environmental Engineering**

1/10/19 → 31/08/21  
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Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 116 Chemical sciences  
Person: Teaching and research staff

## **Narayan Puthanmadam Subramaniam**

### **Organisations**

#### **Postdoctoral Researcher, BioMediTech**

1/10/19 → 31/12/19

narayan.subramaniam@tuni.fi

Teaching and research staff

### **Keyword groups**

Field of science, Statistics Finland: 217 Medical engineering

Person: Teaching and research staff

## **Sampsa Pursiainen**

### **Organisations**

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

1/01/19 → 31/12/12

sampsa.pursiainen@tuni.fi

Teaching and research staff

#### **Assistant Professor (tenure track), Department of Mathematics**

1/09/15 → 31/12/16 Former

Teaching and research staff

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

1/01/19 → 27/04/19 Former

sampsa.pursiainen@tuni.fi

Teaching and research staff

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

1/01/17 → 31/12/18 Former

sampsa.pursiainen@tut.fi

Teaching and research staff

#### **Postdoctoral Researcher, Department of Mathematics**

9/01/12 → 31/08/12 Former

Teaching and research staff

#### **Member of Research Group, Research group: Inverse Problems**

1/01/17 → 31/12/12

Teaching and research staff

### **Education/Academic qualification**

Doctor of Science (Technology), Teknillinen korkeakoulu

### **Keyword groups**

Field of science, Statistics Finland: 111 Mathematics

Person: Teaching and research staff

## **Arja Puolakka**

### **Organisations**

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

1/07/19 → 30/04/20

arja.puolakka@tuni.fi

Teaching and research staff

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

1/04/18 → 31/12/18 Former

arja.puolakka@tut.fi  
Teaching and research staff

**Project Researcher, Materials Science**

1/01/17 → 31/03/18 Former  
Teaching and research staff

**Project Researcher, Department of Materials Science**

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

**Project Researcher, Department of Materials Science**

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

**Project Researcher, Department of Materials Science**

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

**Project Researcher, Department of Materials Science**

1/06/14 → 31/12/14 Former  
Teaching and research staff

**Project Researcher, Department of Materials Science**

1/01/15 → 30/06/15 Former  
Teaching and research staff

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

18/02/13 → 31/12/13 Former  
Teaching and research staff

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

1/01/15 → 19/04/17 Former  
Teaching and research staff

**Project Researcher, Department of Materials Science**

1/07/15 → 31/08/15 Former  
Teaching and research staff

**Member of Research Group, Research group: Plastics and Elastomer Technology**

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Antti Pulkkinen**

**Organisations**

**University Lecturer, Department of Mechanical Engineering and Industrial Systems**

1/01/10 → 31/12/16 Former  
Teaching and research staff

**University Lecturer, Automation Technology and Mechanical Engineering**

1/01/19 → 31/07/19 Former  
antti.pulkkinen@tuni.fi  
Teaching and research staff

**University Lecturer, Mechanical Engineering and Industrial Systems**

1/01/17 → 28/03/19 Former  
antti.pulkkinen@tut.fi  
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

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

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Johanna Pulkkinen**

**Organisations**

**University Teacher, Industrial Engineering and Management**

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

**University Teacher, Industrial and Information Management**

1/07/18 → 28/03/19 Former  
johanna.pulkkinen@tut.fi  
Teaching and research staff

**Doctoral Student, Industrial and Information Management**

1/01/17 → 30/06/18 Former  
Teaching and research staff

**Doctoral Student, Department of Industrial Management**

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

**Doctoral Student, Department of Industrial Management**

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

**Doctoral Student, Department of Industrial Management**

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

**Doctoral Student, Department of Industrial Management**

1/07/14 → 31/12/14 Former  
Teaching and research staff

**Member of Research Group, Research group: Safety Management and Engineering**

11/12/14 → 14/03/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Centre for Safety Management and Engineering**

1/01/17 → 31/12/12  
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: 512 Business and management

Person: Teaching and research staff

## **Jukka Puhto**

### **Organisations**

#### **Visiting Research Fellow, Department of Civil Engineering**

1/10/15 → 31/01/16 Former

#### **Postdoctoral Researcher, Civil Engineering**

1/07/18 → 28/03/19 Former

jukka.puhto@tut.fi

Teaching and research staff

#### **Postdoctoral Researcher, Civil Engineering**

1/10/17 → 30/06/18 Former

Teaching and research staff

#### **Postdoctoral Researcher, Civil Engineering**

1/06/17 → 30/09/17 Former

Teaching and research staff

#### **Postdoctoral Researcher, Civil Engineering**

16/03/17 → 31/05/17 Former

Teaching and research staff

#### **Postdoctoral Researcher, Civil Engineering**

1/01/17 → 15/03/17 Former

Teaching and research staff

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

15/09/16 → 31/12/16 Former

Teaching and research staff

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

1/01/14 → 17/10/18 Former

Teaching and research staff

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

1/01/14 → 31/12/19

Teaching and research staff

#### **Postdoctoral Researcher, Civil Engineering**

1/01/19 → 31/12/19

jukka.puhto@tuni.fi

Teaching and research staff

### **Education/Academic qualification**

Doctor of Science (Technology), Aalto-yliopisto

### **Keyword groups**

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

Person: Teaching and research staff, Teaching and Research Staff

## **Jaakko Puhakka**

### **Organisations**

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

1/01/19 → 31/12/12

jaakko.puhakka@tuni.fi

Teaching and research staff

#### **Professor, Chemistry and Bioengineering**

1/01/17 → 31/08/18 Former

Teaching and research staff

**President, Strategic Management**

1/09/18 → 31/12/18 Former  
jaakko.puhakka@tut.fi  
Administrative and support staff

**Professor, Department of Chemistry and Bioengineering**

1/01/10 → 31/12/16 Former  
Teaching and research staff

**Vice President, President**

1/01/14 → 31/12/14 Former  
Administrative and support staff

**Professor, Department of Chemistry and Bioengineering**

1/01/14 → 28/03/19 Former  
Administrative and support staff

**Head of Research Group, Research group: Industrial Bioengineering and Applied Organic Chemistry**

1/01/13 → present  
Administrative and support staff

**Member of Research Group, Research group: Industrial Bioengineering and Applied Organic Chemistry**

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

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

1/01/17 → 31/12/12  
Administrative and support staff

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

Doctor of Philosophy, Biology, University of Helsinki  
Master of Science (Agriculture and Forestry), Environmental Science, University of Helsinki

**Keyword groups**

Field of science, Statistics Finland: 222 Other engineering and technologies  
Person: Administrative and support staff, Teaching and research staff

**Arri Priimägi****Title of docent at TUT**

Supramolekulaarinen kemia. Kemian ja biotekniikan laitos. 2015 - 2019.

**Organisations****Professor, Materials Science and Environmental Engineering**

1/01/19 → 31/12/12  
arri.priimagi@tuni.fi  
Teaching and research staff

**Academy Research Fellow, Department of Chemistry and Bioengineering**

1/09/14 → 31/12/16 Former  
Teaching and research staff

**Academy Research Fellow, Chemistry and Bioengineering**

1/01/17 → 28/03/19 Former  
arri.priimagi@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

**Assistant Professor (tenure track), Department of Chemistry and Bioengineering**

6/02/15 → 28/03/19 Former  
Teaching and research staff



**Assistant Professor (tenure track), Chemistry and Bioengineering**

6/02/15 → 28/03/19 Former  
Teaching and research staff

**Head of Research Group, Research group: Chemistry & Advanced Materials**

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

**Associate Professor (tenure track), Chemistry and Bioengineering**

1/08/18 → 28/03/19 Former  
Teaching and research staff

**Academy Research Fellow, Materials Science and Environmental Engineering**

1/01/19 → 31/08/19 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: 116 Chemical sciences  
Field of science, Academy of Finland: 106 Chemistry  
Person: Teaching and research staff

**Martina Pressacco****Organisations****Doctoral Student, Civil Engineering**

1/01/19 → 31/12/20  
martina.pressacco@tuni.fi  
Teaching and research staff

**Doctoral Student, Civil Engineering**

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

**Education/Academic qualification**

Master of Science (Technology), University of Udine

**Keyword groups**

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

**Sanja Pöyry****Organisations****University Teacher, Physics**

1/01/19 → 31/12/12  
sanja.poyry@tuni.fi  
Teaching and research staff

**University Teacher, Physics**

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

**University Teacher, Physics**

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

**University Teacher, Department of Physics**

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

**University Teacher, Department of Physics**

1/01/30 → 30/09/16 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Physics**

1/03/13 → 29/02/16 Former  
Teaching and research staff

**Member of Research Group, Research area: Computational Physics**

1/01/14 → 18/06/15 Former  
Teaching and research staff

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

1/01/14 → 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), Tampere University of Technology

**Keyword groups**

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

**Jenni Poutanen****Organisations****University Teacher, Architecture**

1/01/19 → 31/12/12  
jenni.poutanen@tuni.fi  
Teaching and research staff

**University Teacher, School of Architecture**

1/08/16 → 31/12/16 Former  
Teaching and research staff

**University Teacher, Architecture**

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

**Teaching associate, School of Architecture**

1/08/10 → 31/07/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Public Buildings**

1/04/13 → 31/12/15 Former  
Teaching and research staff

**Member of Research Group, Research group: Urban Planning and Design**

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

**Education/Academic qualification**

Master of Science (Architecture), Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 211 Architecture  
Field of science, Academy of Finland: 101 Architecture  
Person: Teaching and research staff

## **Jarmo Poutala**

### **Organisations**

#### **University Teacher, Civil Engineering**

1/01/19 → 31/12/12

jarmo.poutala@tuni.fi

Teaching and research staff

#### **University Teacher, Department of Mechanical Engineering and Industrial Systems**

1/01/13 → 31/12/16 Former

Teaching and research staff

#### **University Teacher, Civil Engineering**

1/01/17 → 28/03/19 Former

jarmo.poutala@tut.fi

Teaching and research staff

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

1/01/13 → 31/12/14 Former

Teaching and research staff

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

1/01/14 → 31/12/16 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

Teaching and research staff

### **Education/Academic qualification**

Licentiate of Science (Technology), Electrical 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

## **Parisa Pour Rezaei**

### **Organisations**

#### **Doctoral Student, Computing Sciences**

1/01/19 → 31/12/20

parisa.pourrezaei@tuni.fi

Teaching and research staff

#### **Doctoral Student, Computing Sciences**

1/01/19 → 27/04/19 Former

parisa.pourrezaei@tuni.fi

Teaching and research staff

#### **Doctoral Student, Pervasive Computing**

1/01/17 → 28/03/19 Former

parisa.pourrezaei@tut.fi

Teaching and research staff

#### **Research Assistant, Department of Pervasive Computing**

1/11/15 → 31/12/15 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

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

**Member of Research Area, Research area: User experience**

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

**Member of Research Area, Research area: User experience**

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Nazanin Pournoori**

**Organisations**

**Väitöskirjatutkija, Materials Science and Environmental Engineering**

1/02/19 → 31/01/23  
nazanin.pournoori@tuni.fi  
Teaching and research staff

**Keyword groups**

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

**Nikta Pournoori**

**Grants and awards**

22.11.2017 - 28.02.2018. . .

**Organisations**

**Doctoral Student, BioMediTech**

1/01/19 → 31/12/22  
nikta.pournoori@tuni.fi  
Teaching and research staff

**Doctoral Student, Faculty of Biomedical Sciences and Engineering**

1/04/18 → 31/12/18 Former  
nikta.pournoori@tut.fi  
Teaching and research staff

**Member of Research Group, Research group: Wireless Identification and Sensing Systems Research Group**

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Simi Poulouse**

## Organisations

### Väitöskirjatutkija, Materials Science and Environmental Engineering

1/03/19 → 28/02/23

simi.poulose@tuni.fi

Teaching and research staff

### Faculty of Engineering and Natural Sciences

1/01/19 → 31/05/19 Former

simi.poulose@tuni.fi

Teaching and research staff

### Keyword groups

Field of science, Statistics Finland: 216 Materials engineering

Person: Teaching and research staff

## Ilya Potapov

### Organisations

#### Postdoctoral Researcher, Physics

1/02/17 → 31/12/18 Former

ilya.potapov@tut.fi

Teaching and research staff

#### Postdoctoral Researcher, Department of Mathematics

1/01/30 → 31/12/16 Former

Teaching and research staff

#### Postdoctoral Researcher, Department of Mathematics

1/02/13 → 31/12/14 Former

Teaching and research staff

#### Member of Research Group, Research group: MAT Inverse Problems

1/01/12 → 31/12/16 Former

Teaching and research staff

#### Member of Research Area, Research area: Computational Physics

1/01/17 → 31/12/12

Teaching and research staff

#### Member of Research Group, Research group: Quantum Control and Dynamics

1/01/17 → 31/12/12

Teaching and research staff

### Education/Academic qualification

Doctor of Philosophy, Technology, Tampere University of Technology

### Keyword groups

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

## Mykola Ponomarenko

### Organisations

#### Senior Research Fellow, Computing Sciences

1/01/19 → 31/10/21

mykola.ponomarenko@tuni.fi

Teaching and research staff

#### Postdoctoral Researcher, Signal Processing

1/01/18 → 31/05/18 Former

Teaching and research staff

#### Senior Research Fellow, Computing Sciences

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

**Senior Research Fellow, Signal Processing**

10/10/18 → 28/03/19 Former  
mykola.ponomarenko@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Signal Processing**

1/06/18 → 9/10/18 Former  
Teaching and research staff

**Postdoctoral Researcher, Signal Processing**

1/09/17 → 31/12/17 Former  
Teaching and research staff

**Postdoctoral Researcher, Signal Processing**

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

**Postdoctoral Researcher, Department of Signal Processing**

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

**Postdoctoral Researcher, Department of Signal Processing**

1/07/16 → 31/08/16 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Signal Processing**

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

**Academic lecturer, Department of Signal Processing**

1/11/11 → 14/11/11 Former  
Not known

**Member of Research Group, Research group: Computational Imaging-CI**

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

**Education/Academic qualification**

Doctor of Science (Technology), National Aerospace University, Kharkiv Aviation Institute  
Doctor of Science (Technology), Information Technology, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences  
Person: Not known, Teaching and research staff

**Ville Polojärvi**

**Organisations**

**Postdoctoral Researcher, Physics**

1/01/19 → 31/12/21  
ville.polojarvi@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Photonics**

12/11/18 → 31/12/18 Former  
ville.polojarvi@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Photonics**

1/01/17 → 11/11/18 Former  
Teaching and research staff

**Postdoctoral Researcher, Optoelectronics Research Centre**

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

**Doctoral Student, Optoelectronics Research Centre**

1/04/16 → 30/06/16 Former  
Teaching and research staff

**Doctoral Student, Optoelectronics Research Centre**

16/06/15 → 31/03/16 Former  
Teaching and research staff

**Doctoral Student, Optoelectronics Research Centre**

1/01/14 → 15/06/15 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

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

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

**Education/Academic qualification**

Doctor of Science (Technology), Engineering Physics, Tampere University of Technology  
Master 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: 112 Nanoscience and nanotechnology, 104 Physics, 111 Materials science and technology  
TUT Thematic Areas: Energy- and eco-efficiency  
Person: Teaching and research staff

**Markus Pöllänen****Organisations****Lecturer, Civil Engineering**

1/01/19 → 31/12/12  
markus.pollanen@tuni.fi  
Teaching and research staff

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

1/01/10 → 31/12/16 Former  
Teaching and research staff

**Lecturer, Civil Engineering**

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

**Member of Research Group, Research group: Transport Research Centre Verne**

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

**Education/Academic qualification**

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

**Keyword groups**

Field of science, Statistics Finland: 212 Civil and construction engineering  
Field of science, Academy of Finland: 1144 Municipal engineering  
TUT Thematic Areas: Energy- and eco-efficiency, Digital operating environment, Industrial competitiveness  
Person: Teaching and research staff

## **Archontis Politis**

### **Organisations**

#### **Postdoctoral Researcher, Computing Sciences**

1/02/19 → 31/01/24

archontis.politis@tuni.fi

Teaching and research staff

#### **Postdoctoral Researcher, Computing Sciences**

1/02/19 → 27/04/19 Former

archontis.politis@tuni.fi

Teaching and research staff

### **Keyword groups**

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

Person: Teaching and research staff

## **Mikko Poikkimäki**

### **Grants and awards**

26.02.2018 - 26.03.2018. . .

### **Organisations**

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

1/01/19 → 31/12/20

mikko.poikkimaki@tuni.fi

Teaching and research staff

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

1/01/17 → 28/03/19 Former

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Teaching and research staff

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

1/01/16 → 3/02/16 Former

Teaching and research staff

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

19/10/15 → 31/12/15 Former

Teaching and research staff

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

1/01/14 → 31/12/16 Former

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

#### **Member of Research Group, Research group: The Instrumentation, Emissions, and Atmospheric Aerosols Group**

1/01/17 → 31/12/12

Teaching and research staff

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

2/01/19 → 30/06/19 Former

Teaching and research support staff

#### **Teacher, hourly paid, Physics**

27/05/19 → 16/08/19 Former

Teaching and research support 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**

Keywords: QC Physics (Atmospheric dispersion, Nanomaterial, Risk assessment, Aerosol, Exposure)

Field of science, Statistics Finland: 114 Physical sciences

Field of science, Academy of Finland: 1056 Meteorology and atmospheric sciences, climate research, 112 Nanoscience and nanotechnology, 209 Environmental science

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

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

#### **Minna Poikelispää**

##### **Organisations**

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

1/01/19 → 30/06/20

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Teaching and research staff

##### **Postdoctoral Researcher, Materials Science**

1/12/17 → 31/12/18 Former

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Teaching and research staff

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

1/04/17 → 30/11/17 Former

Teaching and research staff

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

1/01/17 → 31/03/17 Former

Teaching and research staff

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

1/04/16 → 31/12/16 Former

Teaching and research staff

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

1/01/16 → 31/03/16 Former

Teaching and research staff

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

1/09/13 → 31/12/15 Former

Teaching and research staff

##### **Member of Research Group, Research group: Plastics and Elastomer Technology**

1/01/15 → 31/12/16 Former

Teaching and research staff

##### **Member of Research Group, Research group: Plastics and Elastomer Technology**

1/01/17 → 31/12/20

Teaching and research staff

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

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

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 Pohjola**

##### **Organisations**

##### **Postdoctoral Researcher, Computing Sciences**

1/01/19 → 31/12/19

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Teaching and research staff

**Postdoctoral Researcher, Signal Processing**

1/04/18 → 31/12/18 Former  
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Teaching and research staff

**Postdoctoral Researcher, Computing Sciences**

1/01/19 → 27/04/19 Former  
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Teaching and research staff

**Postdoctoral Researcher, Signal Processing**

2/01/18 → 31/03/18 Former  
Teaching and research staff

**Postdoctoral Researcher, Pori**

1/04/17 → 30/05/17 Former  
Teaching and research staff

**Postdoctoral Researcher, Pori**

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

**Postdoctoral Researcher, Pori Department**

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

**Postdoctoral Researcher, Pori Department**

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

**Postdoctoral Researcher, Pori Department**

15/04/15 → 31/12/15 Former  
Teaching and research staff

**Doctoral Student, Pori Department**

1/02/14 → 31/03/14 Former  
Teaching and research staff

**Member of Research Group, Research group: Data-analytics and Optimization**

12/12/14 → 30/05/17 Former  
Teaching and research staff

**Member of Research Group, Research group: Data-analytics and Optimization**

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

**Education/Academic qualification**

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

**Oommen Podiyan Oommen**

**Profile information**

2010, Ph.D. in Organic Chemistry at the Department of Chemistry, Indian Institute of Technology-Bombay  
2010-2011, Post-Doc in Bioinorganic Chemistry at Department of Inorganic and Physical Chemistry, Indian Institute of Science-Bangalore  
2011-2013, Post Doc Fellow at the Department of Polymer Chemistry, Uppsala University, Sweden  
2013-2016, Forskare (Senior Researcher), Department of Polymer Chemistry, Uppsala University, Sweden  
Sept 2016- Assistant Professor, BioMediTech, Biomaterial and Tissue Engineering Group, Faculty of Biomedical Sciences and Engineering, Tampere University of Technology-Finland

### **Profile information**

The innate and adaptive immune system dictates the therapeutic design and biological outcome of an engineered material for the biomedical application. The ideal raw material that could regulate the complex immune systems are glycosaminoglycans (GAGs). My group develops biocompatible chemistries on GAGs with a precise immunological response to tailor materials that mimic or modulate cell-material interactions. By bringing together the expertise in organic chemistry, polymer chemistry, material science, cellular engineering and drug delivery, my group aim to develop innovative therapeutic approaches that target specific cells and tightly regulate the immunomodulatory cues of organs and cells. We work at the chemistry-biology interface and design nanomaterials for drug and nucleic acid delivery, hydrogel scaffolds for regenerative medicine, engineer cell surface for transplantation and develop novel bioconjugation strategies. For personal webpage please visit [www.tut.fi/oommen-lab](http://www.tut.fi/oommen-lab)

### **Supervision of post-doc researchers**

**Dr. Vijay Singh Parihar**

### **Language skills**

English, Hindi, Malayalam

### **Thesis supervision, examination and instruction at TUT (since 2008)**

#### **Ph.D. students**

**Mr. Hatai Jongprasitkul**

**Mr. Vigneshkumar Rangasami**

**Mr. Sumanta Samanta**

### **Organisations**

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

1/01/19 → 31/08/20

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Teaching and research staff

#### **Assistant Professor (tenure track), Faculty of Biomedical Sciences and Engineering**

1/01/17 → 28/03/19 Former

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Teaching and research staff

#### **Assistant Professor (tenure track), Department of Electronics and Communications Engineering**

1/09/16 → 31/12/16 Former

Teaching and research staff

#### **Member of Research Group, Research group: Biomaterials and Tissue Engineering Group**

1/01/17 → 31/12/12

Teaching and research staff

### **External positions**

Adjunct Researcher, Uppsala Univ, Uppsala University, Angstrom Lab, Dept Chem Angstrom

### **Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering

TUT Thematic Areas: Health technology

Person: Teaching and research staff

### **Henri Pirkkalainen**

#### **Grants and awards**

02.04.2018 - 29.06.2018. . .

03.04.2017 - 23.06.2017. . .

### **Organisations**

#### **Assistant Professor (tenure track), Information and Knowledge Management**

1/01/19 → 30/09/22

henri.pirkkalainen@tuni.fi

Teaching and research staff

#### **Assistant Professor (tenure track), Industrial and Information Management**

1/01/17 → 30/09/18 Former

Teaching and research staff

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

1/10/18 → 28/03/19 Former

henri.pirkkalainen@tut.fi

Teaching and research staff

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

1/05/16 → 31/12/16 Former

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Economics and Business Administration), Information Systems Sciences, University of Jyväskylä

**Keyword groups**

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

Person: Teaching and research staff

**Liisa Pirjola**

**Organisations**

**Senior Research Fellow, Physics**

1/08/19 → 31/01/20

liisa.pirjola@tuni.fi

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

**Valtteri Pinkkilä**

**Organisations**

**Project Researcher, Computing Sciences**

1/10/19 → 31/05/20

valtteri.pinkkila@tuni.fi

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 111 Mathematics

Person: Teaching and research staff

**Jaakko Pihlajasalo**

**Organisations**

**Doctoral Student, Computing Sciences**

1/01/19 → 31/12/20

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Teaching and research staff

**Doctoral Student, Computing Sciences**

1/01/19 → 27/04/19 Former

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Teaching and research staff

**Project Researcher, Mathematics**

1/10/18 → 31/12/18 Former

jaakko.pihlajasalo@tut.fi

Teaching and research staff

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

1/10/17 → 31/12/12

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: 111 Mathematics

Person: Teaching and research staff

**Iikka Pietilä**

**Organisations**

**Doctoral Student, Computing Sciences**

1/01/19 → 31/12/20

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Teaching and research staff

**Doctoral Student, Computing Sciences**

1/01/19 → 27/04/19 Former

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Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/06/18 → 28/03/19 Fixed-term Former

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Teaching and research staff

**Education/Academic qualification**

Master of Science, Computer Science, Jyväskylän yliopisto

**Keyword groups**

Keywords: QA75 Electronic computers. Computer science (Cognitive science, Usability, User experience, User psychology)

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

**Julia Pietilä**

**Organisations**

**Väitöskirjatutkija, BioMediTech**

1/02/19 → 31/12/19

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Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/01/16 → 31/12/16 Former

Teaching and research staff

**Doctoral Student, Faculty of Biomedical Sciences and Engineering**

1/01/17 → 28/03/19 Former

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Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/09/14 → 31/12/15 Former

Teaching and research staff

**Member of Research Group, Research group: Personal Health Informatics-PHI**

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

**Member of Research Group, Research group: Personal Health Informatics-PHI**

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

**Education/Academic qualification**

Master of Science (Technology), Electrical Engineering, 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: 217 Medical engineering  
Person: Teaching and research staff

**Roel Pieters**

**Organisations**

**Assistant Professor (tenure track), Automation Technology and Mechanical Engineering**

1/01/19 → 31/08/21  
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Teaching and research staff

**Assistant Professor (tenure track), Automation and Hydraulic Engineering**

1/09/17 → 28/03/19 Former  
roel.pieters@tut.fi  
Teaching and research staff

**Member of Research Group, Research group: Robotics and Automation**

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

**Keyword groups**

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

**Robert Piche**

**Organisations**

**Professor, Computing Sciences**

1/01/19 → 31/12/12  
robert.piche@tuni.fi  
Teaching and research staff

**Professor, Department of Automation Science and Engineering**

1/01/10 → 31/12/16 Former  
Teaching and research staff

**Professor, Computing Sciences**

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

**Professor, Automation and Hydraulic Engineering**

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

**Member of Research Area, Research area: Dynamic Systems**

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

**Head of Research Group, Research group: Positioning**

1/01/14 → 19/04/17 Former  
Teaching and research staff

**Head of Research Group, Research group: Positioning**

1/01/17 → 20/10/17 Former  
Teaching and research staff

**Member of Research Area, Research area: Dynamic Systems**

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

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

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

**Supervisor for**

**Education/Academic qualification**

Doctor of Science (Technology), University of Waterloo, Canada  
Master of Science (Technology), University of Waterloo, Canada

**Keyword groups**

Field of science, Statistics Finland: 111 Mathematics  
Field of science, Academy of Finland: 1102 Applied mathematics, 1153 Signal processing  
TUT Thematic Areas: Digital operating environment  
Person: Teaching and research staff

**Hoy-My Phung**

**Organisations**

**Project Researcher, Physics**

1/01/19 → 5/08/19 Former  
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Teaching and research staff

**Project Researcher, Photonics**

5/11/18 → 28/03/19 Former  
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Teaching and research staff

**Education/Academic qualification**

Master of Science, Physics, University Stuttgart

**Keyword groups**

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

**Duy Phan-Duc**

**Organisations**

**Postdoctoral Researcher, Mathematics**

26/06/17 → 28/03/19 Former  
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Teaching and research staff

**Postdoctoral Researcher, Computing Sciences**

1/01/19 → 25/06/19 Former  
duy.phan-duc@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Computing Sciences**

1/01/19 → 27/04/19 Former  
duy.phan-duc@tuni.fi  
Teaching and research staff

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

1/01/17 → 31/12/12 Fixed-term

Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), Johannes Kepler Universität Linz

**Keyword groups**

Field of science, Statistics Finland: 111 Mathematics

Person: Teaching and research staff

**Pasi Peura****Organisations****Professor, Materials Science and Environmental Engineering**

1/01/19 → 31/12/12

pasi.peura@tuni.fi

Teaching and research staff

**Associate Professor (tenure track), Materials Science**

1/01/17 → 31/05/17 Former

Teaching and research staff

**Associate Professor (tenure track), Department of Materials Science**

1/08/13 → 31/12/16 Former

Teaching and research staff

**Head of Research Group, Research group: Metals Technology**

1/01/15 → 19/04/17 Former

Teaching and research staff

**Head of Research Group, Research group: Metals Technology**

1/01/17 → 31/12/20

Teaching and research staff

**Professor, Materials Science**

1/06/17 → 28/03/19 Former

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Teaching and research staff

**Education/Academic qualification**

Doctor of Science (Technology), UMIST and The Victoria University of Manchester

Licentiate of Science (Technology), Mechanical Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering

Person: Teaching and research staff

**Vitaly Petrov****Grants and awards**

17.09.2018 - 25.10.2018. . .

**Organisations****Doctoral Student, Electrical Engineering**

1/01/19 → 31/12/19

vitaly.petrov@tuni.fi

Teaching and research staff

**Doctoral Student, Electrical Engineering**

1/01/19 → 27/04/19 Former

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Teaching and research staff



**Doctoral Student, Electronics and Communications Engineering**

1/01/18 → 28/03/19 Former  
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Teaching and research staff

**Doctoral Student, Electronics and Communications Engineering**

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

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

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

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

1/04/15 → 31/12/15 Former  
Teaching and research staff

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

1/01/15 → 31/03/15 Former  
Teaching and research staff

**Research Assistant, Department of Electronics and Communications Engineering**

1/04/14 → 31/12/14 Former  
Teaching and research support staff

**Member of Research Group, Research group: Emerging Technologies for Nano-Bio-Info-Cogno**

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

**Member of Research Group, Research group: Emerging Technologies for Nano-Bio-Info-Cogno**

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Laetitia Petit****Title of docent at TUT**

Glasses for Photonics. TUT-BMT tiedekunta. 2017 - 2020.  
Glasses for Photonics. Elektroniikan ja tietoliikennetekniikan laitos. 2016 - 2020.

**Grants and awards**

01.08.2016 - 31.12.2016. . .

**Organisations****Associate Professor (tenure track), Physics**

1/01/19 → 30/06/22  
laetitia.petit@tuni.fi  
Teaching and research staff

**Assistant Professor (tenure track), Photonics**

1/01/17 → 30/06/18 Former  
Teaching and research staff

**Associate Professor (tenure track), Photonics**

1/07/18 → 28/03/19 Former  
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Teaching and research staff

**Assistant Professor (tenure track), Optoelectronics Research Centre**

1/08/16 → 31/12/16 Former

Teaching and research staff

**Head of Research Group, Research group: Photonics Glasses**

1/01/17 → 31/12/12

Teaching and research staff

**Education/Academic qualification**

Doctor of Philosophy, University of Bordeaux

**Keyword groups**

Field of science, Statistics Finland: 221 Nanotechnology

Person: Teaching and research staff

**Maria Pesonen**

**Organisations**

**University Teacher, Architecture**

1/01/19 → 31/12/12

maria.pesonen@tuni.fi

Teaching and research staff

**University Teacher, School of Architecture**

1/01/15 → 31/12/16 Former

Teaching and research staff

**University Teacher, Architecture**

1/01/17 → 28/03/19 Former

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Teaching and research staff

**University Teacher, School of Architecture**

1/01/14 → 31/12/14 Former

Teaching and research staff

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

1/04/13 → 31/12/15 Former

Teaching and research staff

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

1/01/17 → 31/12/12

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

**Sreekanth Perumbilavil**

**Organisations**

**Doctoral Student, Photonics**

1/01/17 → 31/08/18 Former

Teaching and research staff

**Postdoctoral Researcher, Physics**

1/01/19 → 31/08/19 Former

sreekanth.perumbilavil@tuni.fi

Teaching and research staff

**Postdoctoral Researcher, Faculty of Engineering and Natural Sciences**

1/01/19 → 1/08/19 Former

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Teaching and research staff

**Doctoral Student, Photonics**

1/09/18 → 31/12/18 Former  
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Teaching and research staff

**Doctoral Student, Department of Physics**

15/07/16 → 31/12/16 Former  
Teaching and research staff

**Project Researcher, Department of Physics**

15/07/15 → 14/07/16 Former  
Teaching and research staff

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

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

**Member of Research Area, Research area: Optics**

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

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

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

**Education/Academic qualification**

Doctor of Philosophy, Technology, Tampere University of Technology  
Master of Science, Physics, Mamatha Gandhi University

**Keyword groups**

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

**Arto Perttula**

**Organisations**

**Väitöskirjatutkija, Computing Sciences**

1/08/19 → 31/12/19  
arto.perttula@tuni.fi  
Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/10/17 → 30/09/18 Former  
Teaching and research staff

**Väitöskirjatutkija, Computing Sciences**

1/02/19 → 27/04/19 Former  
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Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/10/18 → 31/01/19 Former  
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Teaching and research staff

**Doctoral Student, Pervasive Computing**

1/04/17 → 30/09/17 Former  
Teaching and research staff

**Doctoral Student, Pervasive Computing**

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

**Doctoral Student, Department of Pervasive Computing**

1/08/16 → 31/12/16 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/10/15 → 31/07/16 Former  
Teaching and research staff

**Doctoral Student, Department of Pervasive Computing**

1/10/14 → 30/09/15 Former  
Teaching and research staff

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

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

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

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Pasi Pertilä**

**Thesis supervision, examination and instruction at TUT (since 2008)**

**Thesis supervision**

- Mauno Piirilä (B.Sc. thesis), "Microphone self-localization with a diffuse sound field", 2014, (written in Finnish).
- Antti Hietanen(B.Sc.thesis),"Consumer level microphone analysis and comparison with impulse response", 2014, (witten in Finnish).
- Aki Tinakari,B.Sc.thesis,"Independent Component Analysis in Speaker Localization", 2012, (written in Finnish).
- Toni Mäkinen, M.Sc. thesis, "Detection and direction estimation of impulsive sound sources using a microphone array", 2008.
- Antti Löytynoja, M.Sc. thesis, "Real-time Particle Filter Based Talker Localization Using Pure Data", 2009.

**Supervision of post-doc researchers**

Supervision of M.Sc. **Mikko Parviainen**

**Grants and awards**

04.05.2017 - 30.07.2017. . .

**Organisations**

**Computing Sciences**

1/02/19 → 31/12/12  
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Teaching and research staff

**Computing Sciences**

1/02/19 → 27/04/19 Former  
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Teaching and research staff

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1/01/17 → 28/03/19 Former  
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Teaching and research staff

**Senior Research Fellow, Department of Signal Processing**

1/11/15 → 31/12/16 Former  
Teaching and research staff

**Senior Research Fellow, Department of Signal Processing**

1/09/14 → 31/10/15 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 → 31/12/12  
Teaching and research staff

**Education/Academic qualification**

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

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Teaching and research staff

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

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

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

**Education/Academic qualification**

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

**Keyword groups**

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

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**Doctoral Student, Signal Processing**

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Teaching and research staff

**Doctoral Student, Department of Signal Processing**

1/07/13 → 31/12/16 Former  
Teaching and research staff

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

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

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

1/01/17 → 31/12/12  
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**Education/Academic qualification**

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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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Teaching and research staff

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

**Project Researcher, Optoelectronics Research Centre**

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

**Project Researcher, Optoelectronics Research Centre**

1/04/15 → 31/05/16 Former  
Teaching and research staff

**Research Assistant, Optoelectronics Research Centre**

1/06/14 → 31/03/15 Former  
Teaching and research support staff

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

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

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

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

**Education/Academic qualification**

Master of Science (Technology), Science and Engineering, 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: 221 Nanotechnology  
Person: Teaching and research support staff, Teaching and research staff

**Maria Penttilä**

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**Doctoral Student, Civil Engineering**

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Teaching and research staff

**Doctoral Student, Department of Civil Engineering**

1/07/15 → 31/12/16 Former  
Teaching and research staff

**Doctoral Student, Department of Civil Engineering**

1/06/14 → 30/06/15 Former  
Teaching and research staff

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

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

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

1/01/14 → 31/12/19  
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

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Teaching and research staff

**Head of Department, Department of Civil Engineering**

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

**Head of Research Area, Research area: Structural Engineering**

1/01/15 → 17/10/18 Former  
Teaching and research staff

**Civil Engineering**

1/01/17 → 28/03/19 Former  
Teaching and research staff

**Head of Research Group, Research group: Service Life Engineering of Structures**

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

**Head of Research Area, Research area: Structural Engineering**

18/09/18 → 31/12/19  
Teaching and research staff

**Head of Research Group, Research group: Service Life Engineering of Structures**

18/09/18 → 31/12/19  
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**Education/Academic qualification**

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

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Field of science, Statistics Finland: 212 Civil and construction engineering  
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1/07/17 → 31/12/17 Former  
Teaching and research staff

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



**Doctoral Student, Electrical Energy Engineering**

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

**Doctoral Student, Department of Electrical Engineering**

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

**Project Researcher, Department of Electrical Engineering**

1/01/16 → 29/02/16 Former  
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**Project Researcher, Department of Electrical Engineering**

1/03/16 → 30/04/16 Former  
Teaching and research staff

**Project Researcher, Department of Electrical Engineering**

2/08/15 → 31/12/15 Former  
Teaching and research staff

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

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

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

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

**Member of Research Group, Research group: Power systems**

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

**Education/Academic qualification**

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

**Keyword groups**

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1/01/12 → 15/10/15 Former  
Teaching and research staff

**University Lecturer, Faculty of Computing and Electrical Engineering**

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### **Supervisor for**

#### **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

### **Jukka Peltomäki**

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#### **Organisations**

##### **Research Assistant, Automation and Hydraulic Engineering**

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##### **Research Assistant, Automation and Hydraulic Engineering**

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

##### **Research Assistant, Automation and Hydraulic Engineering**

1/09/17 → 31/12/17 Former  
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##### **Member of Research Group, Research group: Innovative Hydraulic Automation**

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**Education/Academic qualification**

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

1/08/14 → 31/12/14 Former

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**Member of Research Area, Research area: Microsystems**

1/01/14 → 31/12/16 Former

Teaching and research staff

**Member of Research Area, Research area: Measurement Technology and Process Control**

1/01/14 → 31/12/16 Former

Teaching and research staff

**Member of Research Group, Research group: Sensor Technology and Biomeasurements (STB)**

1/01/17 → 31/12/12

Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Biotechnology, 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: 213 Electronic, automation and communications engineering, electronics

Field of science, Academy of Finland: 109 Medical engineering, 1152 Electronics, 1153 Signal processing, 1154 Electrical engineering, 1171 Computational data analysis, 107 Mechanical engineering and manufacturing technology, 108

Computational science

TUT Thematic Areas: Health technology

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1/12/14 → 31/12/15 Former  
Teaching and research staff

**Member of Research Area, Research area: Dynamic Systems**

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

**Member of Research Group, Research group: Mobile manipulation**

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

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

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

**Education/Academic qualification**

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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: 214 Mechanical engineering  
Person: Teaching and research staff

**Sofie Pelsmakers****Organisations****Assistant Professor (tenure track), Architecture**

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Teaching and research staff

**Education/Academic qualification**

Doctor of Philosophy, Philosophy (Natural Sciences), University College London  
Master of Science (Architecture), University of East London

**Keyword groups**

Field of science, Statistics Finland: 211 Architecture  
Person: Teaching and research staff

**Suvi Pellinen****Organisations****University Teacher, Language Centre**

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Teaching and research staff

**University Teacher, Language Centre**

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Master of Science, University of Oulu

**Keyword groups**

Field of science, Statistics Finland: 6121 Languages

Person: Teaching and research staff

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**Member of Research Group, Research group: Track Structures**

1/01/14 → 17/10/18 Former

Teaching and research staff

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Teaching and research staff

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

Bachelor 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

**Samuli Pekkola**

**Grants and awards**

02.01.2018 - 15.07.2018. . .

**Organisations**

**Professor, Information and Knowledge Management**

1/01/19 → 31/12/12

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Teaching and research staff

**Professor, Industrial and Information Management**

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1/05/12 → 31/12/16 Former  
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**Head of Research Group, Research group: Novi**

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

**Industrial and Information Management**

1/01/17 → 28/03/19 Former  
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**Member of Research Group, Research group: Business Data Research Group**

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

**Supervisor for**

**External positions**

University of Jyväskylä  
1 Jan 1997 → 31 Dec 2010

**Education/Academic qualification**

Doctor of Philosophy, Technology, University of Jyväskylä

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1/01/15 → 31/12/16 Former  
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**Member of Research Area, Research area: Computer engineering**

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

**Education/Academic qualification**

Master of Science (Technology), Electrical Engineering, 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: 213 Electronic, automation and communications engineering, electronics  
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**Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering  
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**Member of Research Group, Research group: Digitalization in the real estate and construction sector**

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

**Member of Research Group, Research group: Capacity Development of Water and Environmental Services CADWES**

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

**Member of Research Group, Research group: Service Life Engineering of Structures**

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

**Member of Research Group, Research group: Service Life Engineering of Structures**

1/01/14 → 31/12/19

Teaching and research staff

**Supervisor for**

**Education/Academic qualification**

Doctor of Science (Technology), Building Construction, Community Development, Teknillinen korkeakoulu

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**Keyword groups**

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

Person: Teaching and research staff

**Saman Payvar**

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**Keyword groups**

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

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Teaching and research staff

**Education/Academic qualification**

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**Keyword groups**

Field of science, Statistics Finland: 6121 Languages

Person: Teaching and research staff



## Lassi Paunonen

### Title of docent at TUT

Matemaattinen analyysi ja systeemiteoria. Matematiikan laitos. 2016 - 2021.

### Grants and awards

03.01.2017 - 01.07.2017. . .

### Organisations

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

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Teaching and research staff

#### Academy Postdoctoral researcher, Department of Mathematics

1/09/16 → 31/12/16 Former

Teaching and research staff

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#### Academy Postdoctoral researcher, Computing Sciences

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Teaching and research staff

#### Postdoctoral Researcher, Department of Mathematics

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#### Member of Research Group, Research group: MAT Mathematical and semantic modelling

22/05/13 → 30/09/15 Former

Teaching and research staff

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

1/01/17 → 18/04/18 Former

Teaching and research staff

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

1/01/19 → 27/04/19 Former

Teaching and research staff

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Master of Science (Technology), Tampere University of Technology

### Keyword groups

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## Kim Patokoski

### Organisations

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**Member of Research Area, Research area: Optics**

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

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**Keyword groups**

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Person: Teaching and research staff

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Teaching and research staff

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Teaching and research staff

**Member of Research Group, Research group: Metals Technology**

1/01/17 → 31/12/20

Teaching and research staff

**Education/Academic qualification**

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

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**Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering

Person: Teaching and research staff

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**Member of Research Group, Research group: History of Architecture**

1/04/13 → 31/12/15 Former  
Teaching and research staff

**Member of Research Group, Research group: Architecture: History and Theory**

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

**Education/Academic qualification**

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Master of Science (Architecture), Tampere University of Technology  
Licentiate of Philosophy, Philosophy (Humanities), University of Tampere  
Master of Arts, Philosophy (Social Sciences), University of Tampere

**Keyword groups**

Field of science, Statistics Finland: 211 Architecture  
Person: Teaching and research staff

**Pablo Pascual Campo**

**Organisations**

**Doctoral Student, Electrical Engineering**

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

**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

**Research Assistant, Electronics and Communications Engineering**

1/03/18 → 31/10/18 Former  
Teaching and research support staff

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

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

**Education/Academic qualification**

Other or Unknown Education in Technology, Higher-Degree Level Tertiary Education, Universidad Politecnica de Madrid

**Keyword groups**

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

## Organisations

### Doctoral Student, Materials Science and Environmental Engineering

1/01/19 → 31/12/21

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Teaching and research staff

### Doctoral Student, Chemistry and Bioengineering

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Teaching and research staff

### Education/Academic qualification

Master of Science, University of Jyväskylä

### Keyword groups

Field of science, Statistics Finland: 116 Chemical sciences

Person: Teaching and research staff

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### Organisations

#### Postdoctoral Researcher, Computing Sciences

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Teaching and research staff

#### Postdoctoral Researcher, Signal Processing

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Teaching and research staff

#### Postdoctoral Researcher, Computing Sciences

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Teaching and research staff

#### Postdoctoral Researcher, Signal Processing

10/04/17 → 30/04/18 Former

Teaching and research staff

#### Doctoral Student, Department of Signal Processing

17/02/16 → 17/06/16 Former

Teaching and research staff

#### Doctoral Student, Department of Signal Processing

18/06/16 → 31/12/16 Former

Teaching and research staff

#### Doctoral Student, Department of Signal Processing

1/04/15 → 30/04/15 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

#### Doctoral Student, Department of Signal Processing

1/07/14 → 31/12/14 Former

Teaching and research staff

#### Doctoral Student, Department of Signal Processing

1/01/15 → 31/01/15 Former

Teaching and research staff

#### Doctoral Student, Department of Signal Processing

1/02/15 → 31/03/15 Former  
Teaching and research staff

**Doctoral Student, Department of Signal Processing**

10/08/15 → 10/11/15 Former  
Teaching and research staff

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

1/01/17 → 31/12/12  
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Doctor of Science (Technology), Information Technology, Tampere University of Technology  
Master of Science (Technology), Electrical Engineering, Tampere University of Technology

**Keyword groups**

Field of science, Statistics Finland: 113 Computer and information sciences  
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**University Teacher, Information and Knowledge Management**

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

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**Member of Research Group, Research group: Urban Planning Theory**

1/04/13 → 31/12/15 Former  
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**Postdoctoral Researcher, Architecture**

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**Keyword groups**

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

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**Education/Academic qualification**

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**Keyword groups**

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Teaching and research staff

**Postdoctoral Researcher, Faculty of Biomedical Sciences and Engineering**

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Teaching and research staff

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

1/02/16 → 31/10/16 Former  
Teaching and research staff

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

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Teaching and research staff

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

1/07/15 → 31/12/15 Former  
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**Postdoctoral Researcher, Department of Electronics and Communications Engineering**

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**Member of Research Group, Research group: Biomaterials and Tissue Engineering Group**

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

**Member of Research Group, Research group: Biomaterials and Tissue Engineering Group**

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

**Education/Academic qualification**

Doctor of Philosophy, Universidad de Santiago de Compostella  
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**Keyword groups**

Field of science, Statistics Finland: 217 Medical engineering

Person: Teaching and research staff

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#### **Postdoctoral Researcher, Materials Science**

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#### **Postdoctoral Researcher, Materials Science**

1/04/17 → 30/06/17 Former  
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#### **Member of Research Group, Research group: Plastics and Elastomer Technology**

1/01/17 → 31/12/20  
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### **Education/Academic qualification**

Doctor of Science (Technology), Aalto-yliopisto

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Field of science, Statistics Finland: 216 Materials engineering

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#### Member of Research Group, Research group: Cost Management Center

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Field of science, Statistics Finland: 512 Business and management

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Bachelor of Science (Technology), Mechanical Engineering

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**Member of Research Group, Research group: Micro and Nanosystems Research Group**

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Teaching and research support staff

**Member of Research Group, Research group: Nanoscale Phenomena and Measurements (NPM)**

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Miikka Palvalin****Grants and awards**

18.04.2016 - 20.05.2016. . .  
Työsuojelurahasto. 01.01.2016 - 31.03.2016. . .  
Työsuojelurahasto. 01.04.2015 - 31.12.2015. Finland. .

**Organisations****Doctoral Student, Information and Knowledge Management**

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

**Doctoral Student, Industrial and Information Management**

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Teaching and research staff

**Doctoral Student, Department of Information Management and Logistics**

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

**Researcher, Department of Information Management and Logistics**

1/01/13 → 31/12/15 Former  
Teaching and research staff

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

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

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

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

**Education/Academic qualification**

Master of Science (Technology), Industrial Management, 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: 512 Business and management  
Person: Teaching and research staff

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17/11/16 → 31/12/16 Former  
Teaching and research staff

**Professor, Electrical Engineering**

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**Professor, Electronics and Communications Engineering**

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1/01/10 → 16/11/16 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

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

1/01/17 → 31/12/12

Teaching and research staff

**Education/Academic qualification**

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

Licentiate of Science (Technology), Tampere University of Technology

**Keyword groups**

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

Person: Teaching and research staff

**Miika Paloniitty**

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1/01/16 → 31/12/16 Former

Teaching and research staff

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

1/01/15 → 31/12/15 Former

Teaching and research staff

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

1/01/15 → 31/12/16 Former

Teaching and research staff

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

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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

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

1/10/17 → 31/12/12

Teaching and research staff

**Education/Academic qualification**

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

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### **Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering

Person: Teaching and research staff

### **Tuomas Palonen**

#### **Organisations**

##### **Research Assistant, Civil Engineering**

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##### **Project Researcher, Civil Engineering**

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

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### **Virpi Palomäki**

#### **Organisations**

##### **Project Manager, Architecture**

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##### **Project Manager, Architecture**

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### **Keyword groups**

Field of science, Statistics Finland: 211 Architecture

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### **Sarianna Palola**

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Suomen Kulttuurirahasto. 01.07.2018 - 30.06.2019. . .

Suomen Kulttuurirahasto ja Tutkijat Maailmalle. 01.08.2016 - 30.06.2018. . .

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1/01/15 → 31/12/15 Former  
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**Project Researcher, Department of Materials Science**

21/02/14 → 31/12/14 Former  
Teaching and research staff

**Member of Research Group, Research group: Plastics and Elastomer Technology**

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

**Member of Research Group, Research group: Plastics and Elastomer Technology**

1/01/17 → 31/12/20  
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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: 216 Materials engineering  
Person: Teaching and research staff

**Aleksi Palmroth**

**Grants and awards**

Suomen kulttuurirahasto. 01.01.2018 - 31.03.2018. . .  
Suomen kulttuurirahasto. 01.04.2017 - 31.12.2017. . .

**Organisations**

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**Doctoral Student, Faculty of Biomedical Sciences and Engineering**  
1/01/17 → 31/03/17 Former  
Teaching and research staff

**Doctoral Student, Department of Electronics and Communications Engineering**  
1/07/16 → 31/12/16 Former  
Teaching and research staff

**Project Researcher, Department of Electronics and Communications Engineering**  
1/07/15 → 30/06/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Biomaterials and Tissue Engineering Group**  
1/01/13 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Biomaterials and Tissue Engineering Group**  
1/01/17 → 31/12/12  
Teaching and research staff

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

Master of Science (Technology), Biotechnology, Tampere University of Technology  
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#### **Keyword groups**

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

#### **Marja Palmroth**

##### **Thesis supervision, examination and instruction at other universities**

Matti Haaponiemi. 2013. Bachelor thesis. Alfa-pineenin määritys biosuodatinkoelaitteistossa: menetelmäkehitys. Tampereen ammattikorkeakoulu . Laboratorioalan koulutusohjelma <http://urn.fi/URN:NBN:fi:amk-201301081176>

##### **Thesis supervision, examination and instruction at other universities**

Heini-Mari Mäkinen. 2012. IMPROVEMENT OF THE ATOMIC ABSORPTION SPECTROMETRY METHOD - Determination of calcium and magnesium from human urine. Bachelor's thesis. Degree Programme in Laboratory Science. Tampere University of Applied Sciences. <http://urn.fi/URN:NBN:fi:amk-2012062912998>

#### **Organisations**

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5/08/15 → 31/12/16 Former  
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**University Teacher, Department of Chemistry and Bioengineering**



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1/01/13 → 31/12/16 Former  
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**Member of Research Group, Research group: Bio- and Circular Economy**  
1/01/17 → 31/12/12  
Teaching and research staff

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

Doctor of Science (Technology), Environmental Engineering, Tampere University of Technology  
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#### **Keyword groups**

Field of science, Statistics Finland: 218 Environmental engineering  
TUT Thematic Areas: Energy- and eco-efficiency  
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### **Tanja Palmroth**

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Teaching and research staff

**Lecturer, Computing Sciences**  
1/01/19 → 27/04/19 Former  
tanja.palmroth@tuni.fi  
Teaching and research staff

**Lecturer, Signal Processing**  
1/01/18 → 28/03/19 Former  
tanja.palmroth@tut.fi  
Teaching and research staff

**Lecturer, Pori Department**  
1/01/10 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Data-analytics and Optimization**  
12/12/14 → 31/12/16 Former  
Teaching and research staff

**Member of Research Group, Research group: Data-analytics and Optimization**  
1/01/17 → 31/12/12  
Teaching and research staff

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

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

#### **Keyword groups**

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

### **Lauri Palmolahti**

#### **Organisations**

**Doctoral Student, Physics**

1/01/19 → 14/01/20

lauri.palmolahti@tuni.fi

Teaching and research staff

**Doctoral Student, Photonics**

15/01/18 → 28/03/19 Former

lauri.palmolahti@tut.fi

Teaching and research staff

**Teacher, hourly paid, Physics**

15/01/18 → 27/04/18 Former

Teaching and research staff

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

1/01/17 → 31/12/12

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: 114 Physical sciences

Person: Teaching and research staff

**Emanuele Palma****Organisations****Doctoral Student, Computing Sciences**

1/01/19 → 9/09/21

emanuele.palma@tuni.fi

Teaching and research staff

**Doctoral Student, Computing Sciences**

1/01/19 → 27/04/19 Former

emanuele.palma@tuni.fi

Teaching and research staff

**Doctoral Student, Signal Processing**

10/09/18 → 28/03/19 Former

emanuele.palma@tut.fi

Teaching and research staff

**Education/Academic qualification**

Master of Science (Technology), Universita Degli Studi Roma Tre

**Keyword groups**

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

Person: Teaching and research staff

**Pertti Pakonen****Organisations****Project Manager, Electrical Engineering**

1/01/19 → 31/12/12

pertti.pakonen@tuni.fi

Teaching and research staff

**Postdoctoral Researcher, Department of Electrical Engineering**

1/01/12 → 31/12/16 Former

Teaching and research staff

**Project Manager, Electrical Engineering**

1/01/19 → 27/04/19 Former  
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Teaching and research staff

**Project Manager, Electrical Energy Engineering**

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

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

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

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

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

**Member of Research Group, Research group: Power systems**

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

**Education/Academic qualification**

Doctor of Science (Technology), Electrical 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  
Person: Teaching and research staff

**Jarkko Pakkanen**

**Grants and awards**

TTY:n tukisäätiö ja Dunderbergin säätiö. 01.01.2014 - 31.10.2014. Finland. .

**Organisations**

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

1/01/19 → 31/12/20  
jarkko.pakkanen@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Mechanical Engineering and Industrial Systems**

1/04/18 → 31/12/18 Former  
jarkko.pakkanen@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Mechanical Engineering and Industrial Systems**

1/04/17 → 31/03/18 Former  
Teaching and research staff

**Postdoctoral Researcher, Mechanical Engineering and Industrial Systems**

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

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

2/04/16 → 31/12/16 Former  
Teaching and research staff

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

1/07/15 → 30/09/15 Former  
Teaching and research staff

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

1/11/14 → 31/12/14 Former  
Teaching and research staff

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

1/01/15 → 30/06/15 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

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

1/10/15 → 1/04/16 Former  
Teaching and research staff

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

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Toni Pakkala**

**Organisations**

**Doctoral Student, Civil Engineering**

1/01/19 → 31/12/19  
toni.pakkala@tuni.fi  
Teaching and research staff

**Doctoral Student, Civil Engineering**

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

**Doctoral Student, Civil Engineering**

1/04/17 → 31/12/17 Former  
Teaching and research staff

**Doctoral Student, Civil Engineering**

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

**Doctoral Student, Department of Civil Engineering**

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

**Doctoral Student, Department of Civil Engineering**

1/01/14 → 31/12/15 Former  
Teaching and research staff

**Member of Research Group, Research group: Service Life Engineering of Structures**

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

**Member of Research Group, Research group: Service Life Engineering of Structures**

1/01/14 → 31/12/19  
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: 212 Civil and construction engineering  
Person: Teaching and research staff

## **Sami Pajunen**

### **Organisations**

#### **Associate Professor (tenure track), Civil Engineering**

1/01/19 → 31/07/20

sami.pajunen@tuni.fi

Teaching and research staff

#### **Associate Professor (tenure track), Department of Civil Engineering**

1/08/16 → 31/12/16 Former

Teaching and research staff

#### **Associate Professor (tenure track), Civil Engineering**

1/01/17 → 28/03/19 Former

sami.pajunen@tut.fi

Teaching and research staff

#### **University Lecturer, Department of Mechanical Engineering and Industrial Systems**

1/08/10 → 31/07/16 Former

Teaching and research staff

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

1/01/13 → 31/12/14 Former

Teaching and research staff

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

1/01/14 → 31/12/16 Former

Teaching and research staff

#### **Head of Research Group, Research group: Light-weight structures**

1/01/16 → 19/04/17 Former

Teaching and research staff

#### **Head of Research Group, Research group: Metal and Light-wight structures**

1/01/14 → 17/10/18 Former

Teaching and research staff

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

1/01/14 → 17/10/18 Former

Teaching and research staff

#### **Head of Research Group, Research group: Metal and Light-wight structures**

18/09/18 → 31/12/19

Teaching and research staff

### **Education/Academic qualification**

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

Licentiate of Science (Technology), Tampere University of Technology

### **Keyword groups**

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

Person: Teaching and research staff

## **Eila Pajarre**

### **Organisations**

#### **Coordinator, Education and Learning**

1/01/19 → 31/12/12

eila.pajarre@tuni.fi

Administrative and support staff

#### **Coordinator, Teaching and Learning Services**

1/04/18 → 28/03/19 Former

eila.pajarre@tut.fi  
Administrative and support staff

**Academic Coordinator, Degree Services**

16/03/15 → 16/08/15 Former  
Administrative and support staff

**Academic Coordinator, Degree Services**

1/01/15 → 15/03/15 Former  
Administrative and support staff

**Academic Coordinator, Faculty of Business and Built Environment**

24/03/14 → 31/12/14 Former  
Administrative and support staff

**Coordinator, Teaching and Learning Services**

17/08/15 → 31/03/18 Former  
Administrative and support staff

**Education/Academic qualification**

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

**Keyword groups**

Field of science, Statistics Finland: 999 Others  
Person: Administrative and support staff

**Joni Pajarinen**

**Organisations**

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

1/05/19 → 30/04/24  
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Teaching and research staff

**Keyword groups**

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

**Michelangelo Paci**

**Grants and awards**

15.10.2018 - 14.11.2018. . .  
02.07.2018 - 07.08.2018. . .  
04.02.2018 - 30.03.2018. . .  
Finnish Cultural Foundation. 01.07.2017 - 31.08.2017. . .  
Finnish Cultural Foundation. 01.01.2017 - 30.06.2017. . .  
Finnish Cultural Foundation. 01.03.2016 - 30.06.2016. . .

**Organisations**

**Academy Postdoctoral researcher, BioMediTech**

1/01/19 → 31/08/20  
michelangelo.paci@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Faculty of Biomedical Sciences and Engineering**

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

**Academy Postdoctoral researcher, Faculty of Biomedical Sciences and Engineering**

1/09/17 → 28/03/19 Former  
michelangelo.paci@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/07/16 → 31/12/16 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/03/16 → 30/06/16 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/03/16 → 23/03/16 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/04/15 → 31/08/15 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/05/14 → 31/12/14 Former  
Teaching and research staff

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/01/15 → 31/03/15 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

**Postdoctoral Researcher, Department of Electronics and Communications Engineering**  
1/09/15 → 29/02/16 Former  
Teaching and research staff

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

**Supervisor for**

**Education/Academic qualification**  
Doctor of Science (Technology), Universita de Bologna

**Keyword groups**  
Field of science, Statistics Finland: 217 Medical engineering  
Person: Teaching and research staff

**Sami Paavilainen**

**Title of docent at TUT**  
Laskennallinen fysiikka, bio- ja nonomateriaalien mallinnus. Fysiikan laitos. 2016 - 2021.

**Organisations**

**University Lecturer, Physics**  
1/01/19 → 31/12/12  
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Teaching and research staff

**University Teacher, Physics**  
1/01/17 → 31/08/18 Former  
Teaching and research staff

**University Lecturer, Physics**  
1/09/18 → 28/03/19 Former  
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Teaching and research staff

**University Teacher, Department of Physics**

21/01/13 → 31/12/16 Former  
Teaching and research staff

**Member of Research Area, Research area: Computational Physics**  
1/01/14 → 31/12/16 Former  
Teaching and research staff

**Member of Research Area, Research area: Computational Physics**  
1/01/17 → 31/12/12  
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  
Person: Teaching and research staff