

## **Hari Nagarajan**

### **Organisations**

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

1/01/19 → 31/12/21

hari.nagarajan@tuni.fi

Teaching and research staff

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

29/01/18 → 28/03/19 Former

hari.nagarajan@tut.fi

Teaching and research staff

### **Education/Academic qualification**

Other or Unknown Education in Technology, Higher-Degree Level Tertiary Education, Oregon State University

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

### **Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering

Person: Teaching and research staff

## **Gaurav Naithani**

### **Organisations**

#### **Väitöskirjatutkija, Computing Sciences**

1/04/20 → 31/12/20 Former

gaurav.naithani@tuni.fi

Teaching and research staff

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

1/01/19 → 31/03/20 Former

gaurav.naithani@tuni.fi

Teaching and research staff

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

1/01/19 → 27/04/19 Former

gaurav.naithani@tuni.fi

Teaching and research staff

#### **Doctoral Student, Signal Processing**

1/01/18 → 31/12/18 Former

gaurav.naithani@tut.fi

Teaching and research staff

#### **Doctoral Student, Signal Processing**

1/01/17 → 31/12/17 Former

Teaching and research staff

#### **Doctoral Student, Department of Signal Processing**

10/03/16 → 31/12/16 Former

Teaching and research staff

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

1/01/17 → 31/03/20 Former

Teaching and research staff

### **Education/Academic qualification**

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

### **Keyword groups**

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

Person: Teaching and research staff

## **Moein Najafi Ivaki**

### **Organisations**

#### **Väitöskirjatutkija, Physics**

2/07/19 → 30/06/21

moein.najafiivaki@tuni.fi

Teaching and research staff

#### **Project Researcher, Physics**

7/01/19 → 1/07/19 Former

moein.najafiivaki@tuni.fi

Teaching and research staff

### **Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

## **Tarja Nakari**

### **Organisations**

#### **Civil Engineering**

20/01/20 → 31/12/20 Former

tarja.nakari@tuni.fi

Teaching and research staff

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

2/03/20 → 31/12/20 Former

tarja.nakari@tuni.fi

Teaching and research staff

### **Keyword groups**

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

Person: Teaching and research staff

## **Mikko Närhi**

### **Organisations**

#### **Postdoctoral Researcher, Physics**

2/05/19 → 30/04/21

mikko.narhi@tuni.fi

Teaching and research staff

### **Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

## **Nathaniel Narra**

### **Grants and awards**

01.09.2017 - 31.03.2018. . .

Liikkuvuus. 01.09.2015 - 31.12.2015. . Incoming.

### **Organisations**

#### **Faculty of Information Technology and Communication Sciences**

1/01/19 → 16/09/20 Former

nathaniel.narra@tuni.fi

Teaching and research staff

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

1/01/20 → 31/12/21

nathaniel.narra@tuni.fi

Teaching and research staff

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

1/06/17 → 31/08/17 Former  
Teaching and research staff

**Postdoctoral Researcher, Computing Sciences**

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

**Postdoctoral Researcher, Signal Processing**

1/10/18 → 28/03/19 Former  
nathaniel.narragirish@tut.fi  
Teaching and research staff

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

1/01/16 → 31/03/16 Former  
Teaching and research staff

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

1/04/15 → 31/08/15 Former  
Teaching and research staff

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

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

**Doctoral Student, 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

**Education/Academic qualification**

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

**Noora Nenonen**

**Organisations**

**Senior Research Fellow, Industrial Engineering and Management**

1/01/20 → 31/12/12  
noora.nenonen@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Industrial Engineering and Management**

15/06/19 → 31/12/19 Former  
noora.nenonen@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Industrial and Information Management**

1/01/17 → 31/12/18 Former  
noora.nenonen@tut.fi  
Teaching and research staff

**Postdoctoral Researcher, Department of Industrial Management**

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

**Postdoctoral Researcher, 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 → 31/12/19 Former  
Teaching and research staff

**Education/Academic qualification**

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

**Keyword groups**

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

**Sanna Nenonen****Organisations****Postdoctoral Researcher, Industrial and Information Management**

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

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

1/01/18 → present  
Teaching and research staff

**Postdoctoral Researcher, Industrial Engineering and Management**

15/06/19 → 21/06/19 Former  
sanna.nenonen@tuni.fi  
Teaching and research staff

**Postdoctoral Researcher, Industrial and Information Management**

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

**Postdoctoral Researcher, Industrial and Information Management**

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

**Postdoctoral Researcher, Department of Industrial Management**

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

**Postdoctoral Researcher, Department of Industrial Management**

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

**Postdoctoral Researcher, Department of Industrial Management**

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

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

11/12/14 → 31/12/16 Former  
Teaching and research staff

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

1/01/17 → 28/11/19 Former  
Teaching and research 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: 512 Business and management

Person: Teaching and research staff

#### **Metodi Netzev**

##### **Organisations**

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

1/03/19 → 28/02/23

metodi.netzev@tuni.fi

Teaching and research staff

#### **Keyword groups**

Field of science, Statistics Finland: 214 Mechanical engineering

Person: Teaching and research staff

#### **Nhan Nguyen**

##### **Organisations**

##### **Research Assistant, Pervasive Computing**

1/01/18 → 31/05/18 Former

Teaching and research support staff

##### **Research Assistant, Computing Sciences**

7/03/20 → present

Teaching and research staff

##### **Research Assistant, Computing Sciences**

1/01/20 → 6/03/20 Former

nhan.nguyen@tuni.fi

Teaching and research staff

##### **Research Assistant, Pervasive Computing**

1/06/18 → 31/08/18 Former

Teaching and research support staff

##### **Research Assistant, Pervasive Computing**

1/09/17 → 31/12/17 Former

Teaching and research support staff

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

1/01/17 → 31/08/18 Former

Teaching and research support staff

#### **Keyword groups**

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

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

#### **Phung Nguyen**

##### **Organisations**

##### **Väitöskirjatutkija, BioMediTech**

4/02/19 → 3/02/23

phunghatien.nguyen@tuni.fi

Teaching and research staff

#### **Keyword groups**

Field of science, Statistics Finland: 217 Medical engineering

Person: Teaching and research staff

## Xingyang Ni

### Organisations

#### Väitöskirjatutkija, Computing Sciences

1/07/20 → 30/06/21

xingyang.ni@tuni.fi

Teaching and research staff

### Keyword groups

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

Person: Teaching and research staff

## Niko Niemelä

### Grants and awards

29.01.2018 - 06.04.2018. . .

### Organisations

#### University Teacher, Materials Science and Environmental Engineering

1/01/19 → 31/12/12

niko.niemela@tuni.fi

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

#### Doctoral Student, Chemistry and Bioengineering

1/08/17 → 31/12/18 Former

niko.p.niemela@tut.fi

Teaching and research staff

#### Project Researcher, Chemistry and Bioengineering

1/04/17 → 31/07/17 Former

Teaching and research staff

#### Teacher, hourly paid, Department of Mechanical Engineering and Industrial Systems

10/01/16 → 22/04/16 Former

Teaching and research staff

#### Project Researcher, Chemistry and Bioengineering

1/01/17 → 31/03/17 Former

Teaching and research staff

#### Project Researcher, Department of Chemistry and Bioengineering

1/09/16 → 31/12/16 Former

Teaching and research staff

#### Teacher, hourly paid, Department of Mechanical Engineering and Industrial Systems

19/01/15 → 31/05/15 Former

Teaching and research staff

### Education/Academic qualification

Master of Science (Technology), Environmental 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: 218 Environmental engineering

Person: Teaching and research staff

## Pia Niemelä

## Organisations

### University Teacher, Computing Sciences

1/09/19 → 31/12/21

pia.niemela@tuni.fi

Teaching and research staff

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

1/01/17 → 31/12/21

Teaching and research staff

### Doctoral Student, Pervasive Computing

1/01/18 → 31/10/18 Former

Teaching and research staff

### Postdoctoral Researcher, Computing Sciences

1/01/19 → 31/08/19 Former

pia.niemela@tuni.fi

Teaching and research staff

### Postdoctoral Researcher, Computing Sciences

1/01/19 → 27/04/19 Former

pia.niemela@tuni.fi

Teaching and research staff

### Postdoctoral Researcher, Pervasive Computing

1/11/18 → 28/03/19 Former

pia.niemela@tut.fi

Teaching and research staff

### Doctoral Student, Pervasive Computing

1/07/17 → 31/12/17 Former

Teaching and research staff

### Doctoral Student, Pervasive Computing

1/01/17 → 30/06/17 Former

Teaching and research staff

### Doctoral Student, Department of Pervasive Computing

1/10/16 → 31/12/16 Former

Teaching and research staff

## Education/Academic qualification

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

Master of Arts (Education), Educational Science, Tampereen yliopisto

Master of Science (Technology), Engineering Physics, Teknillinen korkeakoulu

## Keyword groups

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

Person: Teaching and research staff

## Eeva Niemi

### Organisations

#### University Teacher, Physics

1/01/19 → 31/12/12

eeva.niemi@tuni.fi

Teaching and research staff

#### Physics

1/09/19 → 31/10/19 Former

eeva.niemi@tuni.fi

Teaching and research staff

#### University Teacher, Physics

1/01/17 → 28/03/19 Former

eeva.niemi@tut.fi  
Teaching and research staff

**University Teacher, Department of Physics**

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

**Education/Academic qualification**

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

**Keyword groups**

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

**Juha Niemi**

**Organisations**

**Väitöskirjatutkija, Computing Sciences**

1/04/20 → 31/01/21  
juha.k.niemi@tuni.fi  
Teaching and research staff

**Doctoral Student, Computing Sciences**

1/01/19 → 31/12/19 Former  
juha.k.niemi@tuni.fi  
Teaching and research staff

**Doctoral Student, Pori**

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

**Doctoral Student, Computing Sciences**

1/01/19 → 27/04/19 Former  
juha.k.niemi@tuni.fi  
Teaching and research staff

**Doctoral Student, Signal Processing**

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

**Doctoral Student, Pori Department**

1/01/16 → 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 → 31/12/19 Former  
Teaching and research staff

**Education/Academic qualification**

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

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics  
TUT Thematic Areas: Energy- and eco-efficiency  
Person: Teaching and research staff

**Tapio Niemi**

**Organisations**



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

1/01/19 → 31/12/12

tapio.niemi@tuni.fi

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

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

1/01/17 → 31/01/17 Former

Teaching and research staff

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

1/02/17 → 28/03/19 Former

tapio.k.niemi@tut.fi

Teaching and research staff

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

1/07/13 → 31/12/16 Former

Teaching and research staff

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

1/01/13 → 19/04/17 Former

Teaching and research staff

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

Doctor of Science (Technology), Helsingin teknillinen korkeakoulu

**Keyword groups**

Field of science, Statistics Finland: 221 Nanotechnology

Person: Teaching and research staff

**Hannu Nieminen****Organisations****Senior Research Fellow, BioMediTech**

1/01/20 → 31/12/12

hannu.nieminen@tuni.fi

Teaching and research staff

**Senior Research Fellow, Faculty of Biomedical Sciences and Engineering**

1/01/18 → 31/12/18 Former

hannu.o.nieminen@tut.fi

Teaching and research staff

**Senior Research Fellow, Faculty of Biomedical Sciences and Engineering**

1/01/17 → 31/12/17 Former

Teaching and research staff

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

1/06/16 → 31/12/16 Former

Teaching and research staff

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

1/12/14 → 31/05/16 Former

Teaching and research staff

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

1/01/14 → 30/11/14 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

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

1/01/17 → 31/12/19 Former

Teaching and research staff

**Education/Academic qualification**

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

**Keyword groups**

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

Person: Teaching and research staff

**Jani Nieminen**

**Organisations**

**Library**

1/08/16 → present

Person:

**Jouko Nieminen**

**Title of docent at TUT**

Laskennallinen materiaalfysiikka. Fysiikan laitos. 2015 - 2019.

Laskennallinen materiaalfysiikka. Fysiikka. 1999 - 2014.

**Dissertation supervision and instruction at TUT (since 2008)**

**Eeva Niemi**, 2006 *Channel Sensitive Computer Simulations of Scanning Tunneling Microscopy*, December 2006.

**Dissertation supervision and instruction at TUT (since 2008)**

**Sami Paavilainen**, 2002 *Geometric and Electronic Properties of Adsorbate-Substrate Systems Modelled with Density-Matrix Tight-Binding Method*, November 2002.

**Organisations**

**University Lecturer, Physics**

1/01/19 → 31/12/12

jouko.nieminen@tuni.fi

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: Spectroscopies of Complex Materials**

1/01/17 → 31/12/12

Teaching and research staff

**University Lecturer, Department of Physics**

1/10/11 → 31/12/16 Former

Teaching and research staff

**University Lecturer, Physics**

1/01/17 → 28/03/19 Former

jouko.nieminen@tut.fi

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

**Member of Research Group, Research group: Spectroscopies of Complex Materials**

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

**External positions**

Affiliated Professor, Department of Physics, College of Science, Northeastern University  
1 May 2017 → 30 Apr 2020

Adjunct Professor, Department of Physics, Northeastern University  
2007 → 30 Apr 2017

**Education/Academic qualification**

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

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

**Keyword groups**

Field of science, Statistics Finland: 114 Physical sciences

Person: Teaching and research staff

**Fernando Nieto Fernandez****Organisations****Associate Professor (tenure track), Architecture**

1/01/19 → 30/09/22

fernando.nieto@tuni.fi

Teaching and research staff

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

1/10/18 → 28/03/19 Former

fernando.nieto@tut.fi

Teaching and research staff

**Keyword groups**

Field of science, Statistics Finland: 211 Architecture

Person: Teaching and research staff

**Samuli Niiranen****Title of docent at TUT**

Signaalinkäsittely. Signaalinkäsittelyn laitos. 2013 - 2018.

**Organisations****Senior Researcher, Department of Signal Processing**

1/01/10 → 31/12/10 Former

Teaching and research staff

**Visitor Contract, Computing Sciences**

1/01/19 → present

**Education/Academic qualification**

Doctor of Science (Technology), Tampere University of Technology

Licentiate of Science (Technology), Tampere University of Technology

Master of Science (Technology), Tampere University of Technology

Person: Teaching and research staff

**Samuli Niiranen****Organisations****Computing Sciences**

7/11/19 → 31/12/24

samuli.niiranen@iki.fi

Teaching and research staff

Person: Teaching and research staff

## **Sonja Niiranen**

### **Organisations**

#### **University Lecturer, Education**

1/01/19 → 31/12/12

sonja.niiranen@tuni.fi

Teaching and research staff

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

1/08/18 → 28/03/19 Former

sonja.niiranen@tut.fi

Teaching and research staff

### **Education/Academic qualification**

Doctor of Philosophy (Education), Educational Science, Jyväskylän yliopisto

### **Keyword groups**

Field of science, Statistics Finland: 512 Business and management

Person: Teaching and research staff

## **Minna Niittymäki**

### **Grants and awards**

Jenny ja Antti Wihurin rahasto. 01.01.2017 - 30.06.2017. . .

### **Organisations**

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

1/01/20 → 31/12/20 Former

minna.niittymaki@tuni.fi

Teaching and research staff

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

1/03/19 → 27/04/19 Former

minna.niittymaki@tuni.fi

Teaching and research staff

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

1/12/18 → 31/12/18 Former

minna.niittymaki@tut.fi

Teaching and research staff

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

1/07/18 → 30/11/18 Former

Teaching and research staff

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

1/04/18 → 30/06/18 Former

Teaching and research staff

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

1/01/18 → 31/03/18 Former

Teaching and research staff

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

1/07/17 → 31/12/17 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**

1/07/16 → 31/12/16 Former

Teaching and research staff

**Doctoral Student, Department of Electrical Engineering**

1/01/16 → 30/06/16 Former

Teaching and research staff

**Doctoral Student, Department of Electrical Engineering**

1/01/15 → 31/12/15 Former

Teaching and research staff

**Doctoral Student, Department of Electrical Engineering**

1/01/14 → 31/12/14 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 → 31/12/19 Former

Teaching and research staff

**Member of Research Group, Research group: High voltage engineering**

1/01/17 → 31/12/19 Former

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

TUT Thematic Areas: Energy- and eco-efficiency

Person: Teaching and research staff

**Ari Nikander**

**Organisations**

**Project Manager, Electrical Engineering**

1/01/19 → 31/12/12

ari.nikander@tuni.fi

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

**Project Manager, Department of Electrical Engineering**

1/01/15 → 31/12/16 Former

Teaching and research staff

**Project Manager, Electrical Engineering**

1/01/19 → 27/04/19 Former

ari.nikander@tuni.fi

Teaching and research staff

**Project Manager, Electrical Energy Engineering**

1/01/17 → 28/03/19 Former

ari.nikander@tut.fi

Teaching and research staff

**Postdoctoral Researcher, Department of Electrical Engineering**

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

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

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

**Education/Academic qualification**

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

**Keyword groups**

Field of science, Statistics Finland: 213 Electronic, automation and communications engineering, electronics  
Field of science, Academy of Finland: 1034 Electric power engineering  
Person: Teaching and research staff

**Longchuan Niu**

**Grants and awards**

04.10.2018 - 23.02.2019. . .

**Organisations**

**Väitöskirjatutkija, Automation Technology and Mechanical Engineering**

1/07/20 → 31/12/20 Former  
longchuan.niu@tuni.fi  
Teaching and research staff

**Doctoral Student, Automation and Hydraulic Engineering**

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

**Doctoral Student, Automation and Hydraulic Engineering**

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

**Doctoral Student, Automation and Hydraulic Engineering**

1/03/17 → 30/09/17 Former  
Teaching and research staff

**Doctoral Student, Automation and Hydraulic Engineering**

1/01/17 → 28/02/17 Former  
Teaching and research staff

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

9/03/16 → 31/12/16 Former  
Teaching and research staff

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

1/01/15 → 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 → 31/12/19 Former  
Teaching and research staff

**Education/Academic qualification**

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

**Keyword groups**

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

**Petri Nokelainen**

**Profile information**

**Date and place of birth, nationality, current residence**

28.04.1970, Helsinki, Finland

Finnish

Verstaankatu 7 E 34, 33100 Tampere, Finland

**Military rank: Lieutenant**

**Language skills**

Mother tongue: Finnish

Other languages: English (fluent), Swedish (satisfactory).

**Dissertation supervision and instruction at other universities**

2018 **Iris Humala**, "Key Elements that Enable Leaders to Foster Creativity in Virtual Work". Co-Supervisor. Main supervisor: Dr. Reijo Kupiainen (University of Tampere).

2018 **Laura Pylväs**, "Development of Vocational Expertise and Excellence in Formal and Informal Learning Environments". Main supervisor.

2016 **Heidi Ahokallio-Leppälä**, "Competence at the centre of all activities - New paradigm for a university of applied sciences". Main supervisor.

2015 **Jari Hautamäki**, "The Leadership of Regional Development Network from the point of view of Preparation of Sudden Structural Change". Main supervisor.

2015 **Tuija Arola**, "The individualization of graduates with an immigrant background in competence-based qualifications". Main supervisor.

2014 **Eija Laitinen**, "Intercultural competence and measuring instruments of HEI teaching staff". Main supervisor.

2014 **Riina Koris**, "Customer Orientation at a Higher Educational Institution: The Perspective of Undergraduate Business Students in Estonia". Co-supervisor. Main supervisor: Prof. Marianne Kallaste, Tallinn Technical University, Estonia.

2014 **Satu Mäkinen**, "Mentoring process as a promoter of professional growth for a nursing student with a different cultural background in the transcultural learning environment of public health care". Main supervisor.

2014 **Rita Ahvenniemi**, "Mental Management: NLP and Relaxation as a means of enhancing the work ability of teachers". Main supervisor.

2013 **Jouni Suominen**, "Where is the Team Entrepreneurship? A critical evaluation of philosophical roots of entrepreneurship and entrepreneur education". Main supervisor.

2013 **Mirka Hintsanen**, "Individual and contextual factors predicting educational and occupational career success". Main supervisor. Co-supervisor: Prof. emer. Pekka Ruohotie (University of Tampere).

2013 **Mirjam Virtanen**, "Teachers Emotional Competency: a Research of In-service and Pre-service Teachers Emotional Intelligence Competencies and its Importance". Main supervisor. Co-supervisor: Prof. emer. Pekka Ruohotie (University of Tampere).

2013 **Raija Harri**, "Chanting, singing and reading - Cultural contexts of Tibetan literacy". Main supervisor. Co-supervisor: Prof. emer. Pekka Ruohotie (University of Tampere).

2013 **Markku Ojaniemi**, "Changes in the Conceptualization of Leadership during an African College Course". Co-supervisor. Main supervisor: Prof. emer. Pekka Ruohotie (University of Tampere).

2012 **Kristiina Holm**, "Ethical, intercultural and interreligious sensitivity: Case study of Finnish urban secondary school students". Co-supervisor. Main supervisor: Prof. Kirsi Tirri (University of Helsinki).

**Dissertation supervision and instruction at TUT (since 2008)**

2019 **Hanna Kinnari-Korpela**, "Enhancing Learning in Engineering Mathematics Education: Utilising Educational Technology and Promoting Active Learning". Main supervisor.

2019 **Alpo Salmisto**, "Civil Engineering Students' Approaches to Learning and Knowledge-construction". Main supervisor with Dr. Suvi Nenonen (Tampere University of Technology).

2018 **Pia Niemelä**, "From Legos and Logos to Lambda". Co-Supervisor. Main supervisor: Prof. Hannu-Matti Järvinen (Tampere University of Technology).

**Role in preparation of funding applications for a research group**

*Total amount of research funding as an author or co-author of research application: 2 665 000 EUR (2000 – 2019)*

*Principal investigator and/or leader of research networks and projects:*

01.01.2019 – 31.12.2020 “**Emotions and development of expertise in the workplace**” (WORKEE), Tampere University of Technology, Finland. Funding: Finnish Work Environment Fund (TUT: 130 000 EUR).

01.04.2016 – 31.3.2019 “**Skills, Education and the Future of Work**”, Tampere University of Technology (TUT), Finland. Funding: Academy of Finland (TUT: 509 000 EUR).

01.03.2016 – 28.2.2017 “**Asiantuntijuuden osoittaminen erikoistumiskoulutuksissa**”, School of Education, University of Tampere (UTA), Finland. Funding: Ministry of Culture and Education (UTA: 52 000 EUR).

01.03.2015 – 28.02.2017 “**Mentoring in Apprenticeship Education**” (MAE) –project, School of Education, University of Tampere, Finland. Funding: City of Tampere, Apprenticeship Foundation (UTA: 80 000 EUR).

01.03.2014 – 28.02.2017 “**Next Move - Apprenticeships and changing skills requirements**” (NeMo) –project, School of Education, University of Tampere, Finland. Funding: City of Tampere, Apprenticeship Foundation (UTA: 367 000 EUR).

01.01.2012 – 28.02.2014 “**Pathways to Vocational Excellence**” (PaVE) –project, School of Education, University of Tampere, Finland. Funding: Finnish Ministry of Education and Culture (UTA: 259 000 EUR).

01.03.2011 – 01.03.2015 “**Participatory Learning Model and Environments in Life-cycle Services for Children and Adolescents**” (PALM) –project, School of Education, University of Tampere, Finland. Funding: Finnish Funding Agency for Technology and Innovation (UTA: 200 000 EUR).

01.02.2011 – 31.01.2012 “**Professional Excellence in Aviation**” (AVIA) –project, School of Education, University of Tampere, Finland. Funding: Finavia Inc. and Finnish Funding Agency for Technology and Innovation (UTA: 50 000 EUR).

01.01.2009 – 31.12.2011 “**Actualizing Vocational Excellence**” (AVE) –project, Research Centre for Vocational Education, University of Tampere, Finland. Funding: Finnish Ministry of Education and Culture (UTA: 356 000 EUR).

01.05.2007 – 30.04.2008 “**Bayesian Modeling of Activities and Profiles: A case study in computer-supported collaborative learning**” (BMap) –project, Research Centre for Vocational Education, University of Tampere, Finland. Funding: Finnish Work Environment Fund (UTA: 80 000 EUR).

*Principal investigator, author of the research application:*

01.01.2010 – 31.08.2011 “**Non-linear modeling of Factors Contributing to Growth-oriented Atmosphere: Longitudinal Study**”



of Finnish Polytechnic Institutions of Higher Education Personnel and Students” postdoctoral researcher project, Department of Education, University of Tampere, Finland. Funding: Academy of Finland (140 000 EUR).

*Special researcher, co-author of the research application:*

01.01.2007 – 31.12.2008 “**Modeling of Vocational Excellence**” (MoVE) –project, Research Centre for Vocational Education, University of Tampere, Finland. Funding: Finnish Ministry of Education and Culture (260 000 EUR).

*Researcher, co-author of the research application:*

01.01.2000 – 31.12.2002 “**Personalized Adaptive Interfaces**” (PAI) –project, Research Centre for Vocational Education, University of Tampere, Finland. Funding: Finnish Funding Agency for Technology and Innovation (UTA: 234 000 EUR).

*Researcher:*

01.01.1997 – 31.12.1999 “**Computational Intelligence Techniques for Nonlinear Modelling in Social Sciences**” –project, Research Centre for Vocational Education, University of Tampere, Finland (project leader and principal investigator Prof. Pekka Ruohotie) and Department of Computer Science, University of Helsinki, Finland (principal investigator Prof. Henry Tirri). Funding: Academy of Finland (UTA: 100 000 EUR).

## **Organisations**

### **Professor, Education**

1/01/19 → 31/12/12  
petri.nokelainen@tuni.fi  
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

### **Professor, Industrial and Information Management**

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

### **Professor, Teaching and Learning Services**

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

### **External positions**

Professor (vocational education), School of Education, University of Tampere

1 Jan 2014 → 31 Dec 2015

Professor (learning environments), School of Education, University of Tampere

1 Jan 2012 → 31 Dec 2013

Research Professor, Finnish National Board of Education

1 Sep 2011 → 31 Dec 2011

Special Researcher (project leader: part-time contract 30%), School of Education, University of Tampere

1 Sep 2011 → 31 Dec 2011

Postdoctoral Researcher, School of Education, University of Tampere

1 Jan 2010 → 31 Aug 2011

Special Researcher, Research Centre for Vocational Education, University of Tampere

1 Jan 2007 → 31 Dec 2009

Researcher, Research Centre for Vocational Education, University of Tampere  
1 Jan 1997 → 31 Dec 2006  
Principal designer, Hypermedia laboratory, Computer Center, University of Tampere  
1 Jan 1996 → 31 Dec 1996  
Designer, Hypermedia laboratory, Computer Center, University of Tampere  
1 Aug 1995 → 31 Dec 1995

#### **Keyword groups**

Field of science, Statistics Finland: 516 Educational sciences  
Person: Teaching and research staff

#### **Nonappa Nonappa**

##### **Organisations**

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

3/08/20 → 2/08/25  
nonappa@tuni.fi  
Teaching and research staff

#### **Keyword groups**

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

#### **Juha Nousiainen**

##### **Organisations**

#### **University Lecturer, BioMediTech**

1/01/19 → 31/12/12  
juha.nousiainen@tuni.fi  
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

#### **University Lecturer, Department of Electronics and Communications Engineering**

1/06/11 → 31/12/16 Former  
Teaching and research staff

#### **University Lecturer, Faculty of Biomedical Sciences and Engineering**

1/01/17 → 28/03/19 Former  
juha.nousiainen@tut.fi  
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: 217 Medical engineering  
Person: Teaching and research staff

#### **Kirsi Nousiainen**

##### **Organisations**

#### **Lecturer, Electrical Engineering**

1/01/19 → 31/12/12  
kirsi.nousiainen@tuni.fi  
Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

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

1/01/17 → 31/12/12

Teaching and research staff

**Lecturer, Department of Electrical Engineering**

1/01/10 → 31/12/16 Former

Teaching and research staff

**Lecturer, Electrical Engineering**

1/01/19 → 27/04/19 Former

kirsi.nousiainen@tuni.fi

Teaching and research staff

**Lecturer, Electrical Energy Engineering**

1/01/17 → 28/03/19 Former

kirsi.nousiainen@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

**Education/Academic qualification**

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

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

**Timo Nummenmaa**

**Organisations**

**Senior Research Fellow, Computing Sciences**

1/01/19 → 31/12/12

timo.nummenmaa@tuni.fi

Teaching and research staff

**Postdoctoral Researcher, Pervasive Computing**

1/01/18 → 1/01/18 Former

Teaching and research staff

**Senior Research Fellow, Computing Sciences**

1/01/19 → 27/04/19 Former

timo.nummenmaa@tuni.fi

Teaching and research staff

**Postdoctoral Researcher, Pori**

1/11/17 → 31/12/17 Former

Teaching and research staff

**Education/Academic qualification**

Doctor of Philosophy, Computer Science, Tampereen yliopisto

**Keyword groups**

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

Person: Teaching and research staff

**Jari Nurmi**

**Organisations**

**Professor, Electrical Engineering**

1/01/19 → 31/12/12  
jari.nurmi@tuni.fi  
Teaching and research staff

**Head of Research Group, Research group: System-on-Chip for GNSS, Wireless Communications and Cyber-Physical Embedded Computing**

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

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

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

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

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

**Professor, Electrical Engineering**

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

**Professor, Electronics and Communications Engineering**

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

**Head of Research Group, Research group: System-on-Chip for GNSS, Wireless Communications and Cyber-Physical Embedded Computing**

1/01/13 → 19/04/17 Former  
Teaching and research staff

**Supervisor for**

**Education/Academic qualification**

Doctor of Science (Technology), Information Technology, 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  
Field of science, Academy of Finland: 1155 Computer engineering, computer architecture, 1156 Communications engineering, 1152 Electronics  
TUT Thematic Areas: Digital operating environment, Energy- and eco-efficiency, Health technology  
Person: Teaching and research staff

**Juha Nykänen**

**Organisations**

**University Teacher, Materials Science and Environmental Engineering**

1/01/19 → 31/12/12  
juha.nykanen@tuni.fi  
Teaching and research staff

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

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

**University Teacher, Department of Materials Science**

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

**University Teacher, Materials Science**

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

**Education/Academic qualification**

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

**Keyword groups**

Field of science, Statistics Finland: 216 Materials engineering

Person: Teaching and research staff

**Hasse Nylund****Organisations****University Teacher, Automation Technology and Mechanical Engineering**

1/01/19 → 31/12/12

hasse.nylund@tuni.fi

Teaching and research staff

**Member of Research Area, Research area: Manufacturing and Automation**

1/01/17 → 31/12/12

Teaching and research staff

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

1/08/18 → 28/03/19 Former

hasse.nylund@tut.fi

Teaching and research staff

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

1/01/18 → 31/07/18 Former

Teaching and research staff

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

1/07/17 → 31/12/17 Former

Teaching and research staff

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

1/01/17 → 30/06/17 Former

Teaching and research staff

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

1/07/16 → 31/12/16 Former

Teaching and research staff

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

1/07/15 → 30/06/16 Former

Teaching and research staff

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

1/01/14 → 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: Engineering Intelligence**

1/01/14 → 20/10/16 Former

Teaching and research staff

**Member of Research Area, Research area: Manufacturing and Automation**

1/01/14 → 31/12/16 Former

Teaching and research staff

**Education/Academic qualification**

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

**Soile Nymark**

**Title of docent at TUT**

Electrophysiology and Visual Science. TUT-BMT tiedekunta. 2017 - 2021.

**Organisations**

**Academy Research Fellow, BioMediTech**

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

**Senior Research Fellow, BioMediTech**

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

**Academy Research Fellow, Department of Electronics and Communications Engineering**

1/09/15 → 31/12/16 Former  
Teaching and research staff

**Academy Research Fellow, Faculty of Biomedical Sciences and Engineering**

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

**Academy Postdoctoral researcher, Department of Electronics and Communications Engineering**

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

**Head of Research Group, Research group: Biophysics of the eye**

1/01/17 → 31/08/20 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

**Education/Academic qualification**

Doctor of Science (Technology), Teknillinen korkeakoulu

**Keyword groups**

Field of science, Statistics Finland: 217 Medical engineering  
Field of science, Academy of Finland: 201 Biochemistry, biophysics  
Person: Teaching and research staff