

Information Technology and Electrical Engineering Doctoral Programme – ITEE-DP

Phd Mirjami Jutila

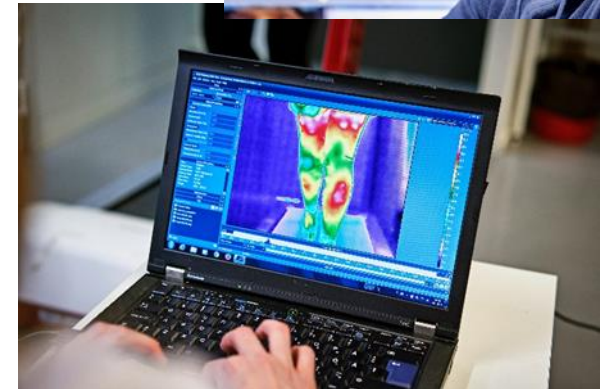
**ITEE-DP coordinator
Infotech Oulu Focus Institute coordinator
University of Oulu**

*UniOGS – Introduction to Doctoral Training,
March 12, 2020*



ITEE-Doctoral Programme

- Four doctoral degree programs:
 - Electrical engineering
 - Communications engineering
 - Computer science and engineering
 - Information processing science
- Organizes annually 20-30 different field-specific PhD intensive courses, summer schools, talks and lecture series:
https://www oulu.fi/uniogs/dp/iteedp_courses
- Other courses together with the other three doctoral programmes and UniOGS





ITEE-DP Calendar of Events
Call for Proposals - Doctoral Training Activities in 2020
Useful links

ITEE-DP Calendar of Events

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Year 2020

Spring term 2020

- 24-25.2 Perspectives to the Research on Blockchain - najmul Islam (more information : Pasi Karppinen)
- 5G Optical-wireless Technologies - Arismar Cerqueira Sodré Junior (more information: Pekka Kyösti) Postponed to Autumn 2020
- 9-13.3 Zero-to-One innovation: How does IT happen? (more information: Harri Oinas-Kukkonen)
- 30.3-3.4 Minimalism in Robotics: From Sensing to Tracking to Autonomy (more information: Steven LaValle)
- 30.3-3.4 Technostress as a Research Area (more information: Liisa Kuonanoja)
- 13.4 Persuasive Technology: Games for Change - Rita Orji (more information: Harri Oinas-Kukkonen)
- 20-24.4 Wireless system design and theory with reconfigurable intelligent surface (RIS) technology - Marco Di Renzo (more information: Markku Juntti)
- 14.4.-7.5, Impact Camp, multiple lecturers (more information: Mirjami Jutila)
- 8-13.6, UBISS 2020, Virtual Reality - Professor Victoria Interrante & Assistant Professor Evan Suma Rosenberg, University of Minnesota (more information: Timo Ojala)

Autumn term 2020

- 28-30.11, Crisis Management Workshop CriM 2020, Resiliency and Cyberscape: future trends of cyber security research and practice - Speakers: Ian Oliver, Nokia Bell Labs, Bart Preneel, Katholieke Universiteit Leuven, Steven Furnell, University of Plymouth, Gerald Quirchmayr, Universität Wien, Sokratis Katsikas, Norges teknisk-naturvitenskapelige universitet and others to be confirmed (more information: Juha Röning)



ITEE-DP courses and events – Spring 2020:

Spring term 2020

- 24-25.2 [Perspectives to the Research on Blockchain](#) - najmul Islam (more information : Pasi Karppinen)
- 9-13.3 [Zero-to-One innovation: How does IT happen?](#) (more information: Harri Oinas-Kukkonen) (part of Arctic Attitude Winter School)
- 30.3-3.4 [Minimalism in Robotics: From Sensing to Tracking to Autonomy](#) (more information: Steven LaValle (part of Arctic Attitude Winter School)
- 30.3-3.4 [Technostress as a Research Area](#) (more information: Liisa Kuonanoja) (part of Arctic Attitude Winter School)
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Infotech Oulu (www.oulu.fi/infotech/)

- Promotes multidisciplinary research and enhances the quality of research and doctoral training in the strategic focus area *Digitalization and Smart Society* (www.oulu.fi/university/focusarea/digitalization-and-smart-society):
 - ✓ Long term research and researcher training through *12 spearhead projects and 5 emerging projects*
 - ✓ Post-doc researcher and **Phd student positions** in selected projects for 2018-2022
- Aims to design, facilitate and support collaboration:
 - ✓ Within the focus institute
 - ✓ Within the focus area
 - ✓ With other focus areas
- Organizes Infotech and focus area activities that **benefit the PIs, the post docs and the doctoral students**



Doctoral training development project Tiny TOT (www oulu fi/uniogs/tiny-tot):

- ESR Tiny TOT project develops doctoral training at University of Oulu by increasing *innovation and business development skills* and understanding of R&D driving needs of companies
- Tiny TOT practices to increase co-operation and interaction between the students and the companies.
- Expected results of the project are increasing employment rate of doctors as well as the new courses and practices that are transferred and included into the doctoral training at University of Oulu.
- In addition to these goals we are examining the suitability for new industry driven program called *Industrial Doctorate*.
- Impact camp course for doctoral students spring 2020 (3ECTS), register now:
<https://link.webpolsurveys.com/Participation/Public/926d0599-f6c3-41c9-8487-5f747f895ab0?displayId=Fin1717298>





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