

Winter Workshop 2017 December 11-15, 2017, Cottbus/Frankfurt-Oder, Germany

Agenda

Monday, December 11, 2017

venue: BTU Cottbus-Senftenberg,, Main Campus, Building VG1c, Cottbus, Germany room:VG1c / 001

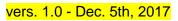
- 11:00 14:00 Arrival and registration
- 14:00 14:15 Welcome, Maksim Jenihhin, Tallinn UT
- 14:15 14:30 Organisational matters, H. T. Vierhaus, BTU-CS
- 14:30 15:00 RESCUE ETN: Scope, Structure, Organisation, Maksim Jenihhin, Tallinn UT
- 15:00 15:30 **Soft skills tutorial I** *How to get started in Research*, H. T. Vierhaus, BTU-CS
- 15:30 16:00 Coffee break
- 16:30 17:30 **Technical tutorial I** Introduction to System Dependability, Mario Schölzel, IHP and U. Potsdam
- 17:30 18:30 **Soft skills tutorial II** *Paper Writing*, Mario Schölzel, IHP and U. Potsdam
- 19:00 20:00 Dinner (university restaurant "Brasserie")

Tuesday, December 12, 2017

venue: BTU Cottbus-Senftenberg, Building VG1c, Cottbus, Germany room: VG1c/001

- 9:00 9:30 **RESCUE ETN Concept for Training and Research**, Maksim Jenihhin, Tallinn UT and H. T. Vierhaus, BTU-C
- 9:30 11:00 **Technical tutorial II** *Reliability*, Said Hamdioui, TU Delft
- 11:00 11:30 Coffee break
- 11:30 12:45 **Technical tutorial III** Introduction to IC testing, Matteo Sonza Reorda, Politecnico di Torino
- 12:45 13:30 Lunch (Mensa)
- 13:30 14:30 **Technical Tutorial IV** Status and Challenges in EDA, Christian Sauer, Cadence







14:30 - 15:30 Technical Tutorial - V

Error Correction and Error Resilience, H. T. Vierhaus, BTU-CS

- 15:30 Coffee break
- 16:00 17:15 Technical Tutorial VI

Introduction to functional verification and debug, Jaan Raik, Tallinn UT

17:15 - 18:30 Technical Tutorial - VII

Introduction to Physical Unclonable Functions, Georgios Selimis, Intrinsic ID

19:00 – 20:00 Dinner (Brasserie)

Wednesday, December 13, 2017

venue: BTU Cottbus-Senftenberg, Building VG1c, Cottbus, Germany

room: VG1c / 001

8:30 - 9:15 Industrial tutorial I

Challenges in Mobile Communications, Jürgen Alt, Intel Germany (AB member)

9:15 - 10:00 Industrial tutorial II

Security Testing, Marc Witteman, RISCURE (AB member)

10:00 - 10:15 Coffee Break

10:15 - 12:00 RESCUE ETN Research and Collaboration

- Session 1: ESR1.1 ESR2.4 (9/15 ESRs)
 - Individual research projects
 - Research clusters
 - Secondments plan
- 12:00 13:00 Lunch (Mensa)

13:00 – 14:30 RESCUE ETN Research and Collaboration

- Session 2: ESR3.1 ESR4.3 (6/15 ESRs)
 - Individual research projects
 - Research clusters
 - Secondments plan

14:30 – 16:30 Guided tour to Branitz Castle (and Park)

a.17:00 - 19:00 Supervisory Board and Advisory Board Meetings

• Including a Skype call with Francky Catthoor, Imec (17:15 – 18:00)

b.17:00 - 19:00 ESR Assembly Caucus

Electing one ESR representative to the RESCUE ETN Management Committee

19:00 20:00 Dinner (Brasserie)







Thursday, December 14, 2017

venue: IHP Microelectronics, Im Technologiepark 25, Frankfurt /Oder, Germany room (to be defined)

- 8:00 9:30 Transfer Cottbus to Frankfurt-Oder by bus
- 9:30 10:00 Introduction to IHP, Rolf Kraemer, IHP and BTU-CS
- 10:00 11:30 **Technical tutorial VIII** *Low-Power System Design*, Milos Krstic and Goran Panic, IHP and U. Potsdam
- 11:30 12:00 Lunch
- 12:30 14:30 **Technical tutorial IX** Security Basics, Peter Langendörfer, BTU-CS / IHP
- 14:30 15:00 Coffee break
- 15:00 16:30 Visit to IHP Labs
- 17:30 19:00 Transfer back to Cottbus
- 19:00 20:00 Dinner (Brasserie)

Friday, December 15, 2017

venue: BTU Cottbus-Senftenberg, Building VG1c, Cottbus, Germany room:VG1c / 001

- 9:00 10:00 RESCUE ETN Quality of Life, Kristina Vassiljeva, Tallinn UT
- 10:00 11:00 **Technical tutorial X** Introduction to many-core processors, Jörg Nolte, BTU-CS
- 11:00 12:00 **Soft skills tutorial III** *Thesis Writing*, Claus Lewerentz, BTU-CS
- 12:00 12:30 Lunch
- 12:30 Departure for Railway Station (train to Berlin leaves exactly 13:00)

The RESCUE Winter Workshop 2017 is organized in cooperation with the H2020-TWINN TUTORIAL project (overlapping partners: TUT, TUD, PDT; support for selected lecturers and non-RESCUE PhD students).



TUTORIAL