

Winter Workshop 2017

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

Agenda

vers. 1.0 - Dec. 5th, 2017

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).

