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).