

ENTRA consortium meeting September 17-18, 2013

Roskilde University, room 43.2-29

Tuesday September 17th: RECENT WORK

- 9:30 - 9:40 Welcome and Introductions (10 min).
- 9:40 - 10:10 Progress on Resource Analysis, by Umer Liqat and Alejandro Serrano
- 10:10 - 10:35 Probabilistic Resource Analysis, by Alejandro Serrano
- 10:30 - 11:00 Study of Optimization Techniques for XMOS Chips, by Zorana Bankovic
- 11:00 - 11:30 *Coffee break (30 min).*
- 11:30-11:50 Brief overview of recent work at Roskilde, John Gallagher
- 11:50-12:30 Semantics-based translation of XC to CLP (continued), John Gallagher and Nina Bohr
- 12:30-12:50 Preliminary ideas for XC source code analysis tools, Mads Rosendahl
- 12:50 - 14:00 *Lunch*
- 14:00 - 14:50 Recent work XMOS (30 min + 20 min discussion).
- 14:50 - 15:20 Coffee break (30 min).
- 15:20-15:40 Towards an llvm-level Energy Model (including a demo), Kyriakos Georgiou
- 15:40-16:00 Approaches towards the Analysis of Multi-threaded Programs - An Introduction to Event Interaction Graphs, Kyriakos Georgiou
- 16:00-16:40 The Common Assertion Language, Neville Grech *and discussion*
- 16:40-17:00 Energy Consumption Analysis of Programs based on XMOS ISA-Level Models, LOPSTR, presented by Umer Liqat and Steve Kerrison
- 17:00-17:30 Wrap up

(transport by bus to city/hotel + walking tour)

19:30 Dinner at Restaurant Ofelia, Skuespilhuset, Skt. Annæ Plads 36, København K



Wednesday September 18th: DELIVERABLES

- 9:30-10:00 D2.1 Common assertion language (WP leader Bristol)
- 10:00-10:30 D3.1 A General Framework for Resource Consumption Analysis and Verification (WP leader IMDEA)
- 10:30-11:00 Coffee Break (30 min.)*
- 11:00-11:30 D5.1 Benchmark suites (WP leader XMOS)
- 11:30-12:00 D6.1 Metrics and Case Studies (WP leader XMOS)
- 12:00-12:30 D7.1 Preliminary Exploitation and Dissemination Plan (WP leader Bristol)
- 12:30-13:00 D8.1 First period report (WP leader RUC)
- 13:00-14:00 Lunch*
- 14:00 – 15:00 Working groups
- 15:00- 15:30 Coffee break (30 min).*
- 15:30-16:00 Parallel sessions
- Project Coordination Committee Meeting
 - Working groups
- 16:00-16:30 Working groups
- 16:30-17:00 Brief plenary reporting
- 17:00-17:30 Final wrap up and detailed plan for completing deliverables
- 17:30 End*

Meeting participants:

RUC: Maja Tønnesen
Nina Bohr
Mads Rosendahl
Bishoksan Kafle
John Gallagher
Dixi Strand

Bristol: Simon Hollis
Steve Kerrison
Kyriakos Georgiou
Neville Grech
Kerstin Eder

IMDEA: Pedro Lopez-Garcia
Zorana Bankovic
Onder Babur
Umer Liqat
Alejandro Serrano

XMOS: Henk Muller

Travel instructions

From the Airport to Wakeup Copenhagen Hotel:

All passengers on international flights arrive at Terminal 3 in Copenhagen Airport Kastrup (CPH) regardless of the airline. The entrance to the railway station is in Terminal 3. Here you will find trains departing regularly to Copenhagen Central Station. The hotel Wakeup Copenhagen, Carsten Niebuhrs Gade 11, is a 10 minute walk from the Central Station.

From city to Roskilde University:

At Copenhagen Central Station trains stopping at Trekroner Station/Roskilde University leave regularly. You can find train schedules at www.rejseplanen.dk - e.g. departure Tuesday morning Central Station København H 8:40 (train towards Roskilde) arrival Trekroner 9:02 OR departure Central Station 8:53 (train towards Ringsted) arrival Trekroner 9:16. The train ride takes approximately 30 minutes and the Computer Science building is a 10 minute walk from Trekroner Station. <http://goo.gl/maps/pBrpB>

Tickets can be bought at machines at the train station with credit cards. We recommend that you buy a shared 10 journey ticket (klippekort), since the price is much lower than that of individual tickets. A "klippekort" to and from the airport must have 3 zones. A "klippekort" to and from the university must have 8 zones. There is also a mobile app for tickets if you want to try this out. Read more here <http://www.dsb.dk/om-dsb/in-english/city-passes/copenhagen/>

Restaurant Ofelia:

We will provide transport from Roskilde University back to the city Tuesday afternoon. Weather permitting we will plan a walk through the city before the dinner at Restaurant Ofelia located closed to Nyhavn (boat bus 991 or 992/ metrostation Kgs. Nytorv).

Contact and help: Dixi Louise Strand - +45 5146 0431

