



ENTRA Consortium Meeting
November 13-14, 2014
IMDEA Software Institute, Room 302 (level 3), Madrid (Spain)

AGENDA

Thursday 13 November

- 9:30 - 9:40 Pedro López: *Welcome and local arrangements.*
- 9:40 - 10:00 John Gallagher: *Overview of ENTRA workplan, current tasks and upcoming deliverables.*
- 10:00 - 10:20 Pedro López: *WP1-WP3 progress and planned work.*
 - Discussion and planning of WP1-WP3 activities for the next period.
- 10:20 - 10:30 Kerstin Eder: *WP2 progress and planned work.*
 - Discussion and planning of WP2 activities for the next period.
 - Deliverable D2.3 (M30) *High-Level Energy Models.*
- 10:30 - 11:00 Coffee break (at level 3).
- 11:00 - 12:30 Analysis/Verification (and concurrency aspects).
 - RUC (40 min): *Analysis of multi-threaded code.*
 - Rémy Haemmerlé and Umer Liqat: *A Multi-level Energy Analysis and Verification Prototype Tool based on HC IR Transformation: Preliminary Report and Demo.*
 - Maximiliano Klemen: *Resource Usage Analysis of Concurrent Programs by Abstract Interpretation: Towards a Thread-modular Semantics.*
- 12:35 - 12:50 Group photo (at level 0).
- 12:50 - 14:00 Lunch at "Centro de Empresas" (opposite to IMDEA Software).
- 14:00 - 15:30 Concurrency
 - Steve Kerrison: *Multi-core network energy modelling: Analysing xCORE networks.*
 - Jeremy Morse: *Recent progress on worst case energy modelling.*
 - Kyriakos Georgiou: *WCEC static analysis results on single- and multi-threaded benchmarks.*
- 15:30 - 16:00 Coffee break (at level 3).
- 16:00 - 17:00 Discussion of selected issues (possibly identified during the previous presentations)
 - Deliverable D1.1. Status and plan to finalize it.
 - Working groups: Parallel sessions can be scheduled by groups of interest.
 - Wrap up.
- 17:00 End of Day 1
- 20:50 Dinner at *El Abrazo de Vergara*, C/ Vergara, 10, 28013 Madrid.



Friday 14 November

- 9:15 - 10:30: Dissemination and Management
 - WP7 progress and planned work.
 - Planning of summer school courses, timing and location.
 - Next meeting(s) maybe as a workshop with other invited participants? Maybe held somewhere else than a partner site?
 - Dorthe S. Christensen: Social media and website.
 - Dorthe S. Christensen: Budget Follow Up.
- 10:30 - 11:00 Coffee break (at level 3).
- 11:00 - 12:45 Optimization
 - John Gallagher: *WP4 progress and planned work.*
 - * Discussion and planning of WP4 activities for the next period.
 - Zorana Bankovic: *Energy Optimisation via Scheduling and DVFS.*
- 12:45 - 13.45 Lunch at "Centro de Empresas" (opposite to IMDEA Software).
- 13:45 - 14:00 PCC meeting
- 14:00 - 15:15 Technical Session (TBD)
 - XC ?
 - Benchmarks?
- 15.15 - 15.45 Coffee break (at level 3).
- 15:45 - 17:00 Discussion of selected issues (possibly identified during the previous presentations.)
 - Achievement of MS3 *First comparison of optimized programs with benchmarks.* MS3 relates to WP1, WP3, WP4, WP5 and WP6.
 - Energy measurements on XMOS chips.
 - Working groups: Parallel sessions can be scheduled by groups of interest.
 - Wrap up.
- 16.45 - 17:00 PCC meeting
- 17:00 End of meeting



Meeting participants:

- RUC:
 - Dorthe S. Christensen
 - John Gallagher
 - Bishoksan Kafle
 - Xueliang Li
 - Morten Rhiger
 - Mads Rosendahl

- Bristol:
 - Kerstin Eder
 - Kyriakos Georgiou
 - Steve Kerrison
 - Jeremy Morse

- IMDEA:
 - Zorana Bankovic
 - Juan J. Collazo
 - Rémy Haemmerlé
 - Manuel Hermenegildo
 - Maximiliano Klemen
 - Umer Liqat
 - Pedro López-García

- XMOS:
 - Jamie Hanlon
 - Henk Muller