PROGRAM of the Mixed Criticality on Multicore/Manycore Platforms Dagstuhl Seminar

Monday: (high-criticality*) activities start just after breakfast

07:30-08:45 Breakfast

09:00-09:14 Introduction by organizers

09:15-10:29 3 minutes/person to say who you are

10:30-10:59 Coffee

11:00-12:14 KEYNOTE: A. Burns - Mixed Criticality a Personal View

12:15-14:00 Lunch

14:01-15:01 KEYNOTE: A. Burns - Mixed Criticality a Personal View

15:02-15:29 Open discussions – identification of sub-groups

15:30-15:59 Coffee

16:00-18:00 ... and mixed-criticality needs feedback from real implementation

  S. Faucou
  A. Easwaran
  J. Anderson

18:00-19:15 Dinner

20:00- (low-criticality**) activities start in the lounge

Tuesday: (high-criticality) activities start just after breakfast

07:30-08:45 Breakfast

09:00-10:29 ... and the industry has created the need for the mixed-criticality

  A. Cohen
  Z. Stephenson
  R. Ernst

10:30-11:00 Coffee

11:01-12:14 Hard and soft, low and high, how mixed-criticality makes the difference between important and urgent ?

  K. Lampka
  G. Parmer
  L. Soares Indrusiak

12:15-14:00 Lunch

14:01-15:02 How do we map criticalities to certification levels - a probabilistic attempt

  L. Cucu-Grosjean
  A. Gogonel
  D. Maxim

15:03-15:31 Open discussions – possible parallel meetings of sub-groups

15:31-16:00 Coffee

16:01-17:59 Open discussions – possible parallel meetings of sub-groups

18:00-19:15 Dinner

20:00- low-criticality activities start in the lounge

Wednesday: (high-criticality) activities start just after breakfast

07:30-08:45 Breakfast

09:00-10:30 What is the meaning of mixed-criticality when time is the keyword ?

  D. Broman
  S. Baruah
  P. Ekberg

10:31-11:00 Coffee

11:00-12:14 Separate meetings of sub-groups

12:15-13:30 Lunch

14:00-18:00 (outside) is hiking a low-criticality activity ? Not sure, but having the right shoes is a high-criticality requirement

18:00-19:15 Dinner

20:00- low-criticality activities start in the lounge

Thursday : (high-criticality) activities start just after breakfast

07:30-08:45 Breakfast

09:00-09:14 Meeting of anonymous mixed-criticality supporters

I am Enrico Bini and I think my favourite method may solve this open MCS problem that I learnt about this week

09:15 -10:00 WCET - the central notion of mixed-criticality

 C. Rochange
 J. Reineke
 S. Altmeyer

10:00 10:29 Open discussions

10:30-10:45 Coffee

11:00-11:14 Open discussions

11:15-12:14 Mixed-criticality models are the answer to adaptive time critical systems?

 N. Fisher
 B. Brandenburg
 Y. Abdeddaim
 Z. Guo

12:15-14:00 Lunch

14:01-14:45 Mixed-criticality systems: different models for scheduling problems (open or not)

A. Marchetti-Spaccamela
S. Van Der Ster
G. Fohler

14:46-15:29 Open discussions

15:30-15:55 Coffee

15:56-17:59 Open discussions

18:00-19:15 Dinner

20:00- low-critical activities start in the lounge

Friday: (high-criticality) activities start just after breakfast

07:30-08:45 Breakfast

09:00-09:15 Meeting of anonymous mixed-criticality supporters

I am …. and I think my favourite method may solve this open MCS problem that I learnt about this week

09:31-10:30 Joint meeting of sub-groups

10:30-11:00 Last coffee together while admiring the solar eclipse

11:00-12:00 Preparing the conclusions

12 :17-14:00 Lunch

* and ** activities may have different criticalities but they both important for a successful Dagstuhl seminar; moreover high-criticality does not necessarly imply urgent