2nd International Workshop on the Synthesis of Complex Parameters

SynCoP 2015
Some Figures

- 2 invited speakers
- 19 PC members
- 2 PC chairs
- almost many paper submissions
- 6 accepted papers
- an acceptance rate strictly less than 100% ;-) 
- 3 informal presentations
- 1 (great) workshop dinner
Program: Morning

- 9h30–10h30: Invited Speaker: Parosh Abdulla
  - “Cut-offs in Parameterized Verification”

- 10h30–11h: Tea break

- 11h–12h30: Session 1
  - Benoit Delahaye: “Consistency for Parametric Interval Markov Chains”
  - Adrien Le Coent, Florian De Vuyst, Christian Rey, Ludovic Chamoin and Laurent Fribourg: “Guaranteed control of switched control systems using model order reduction and state-space bisection”
  - Laurent Fribourg, Ulrich Kühne and Nicolas Markey: “Game-based Synthesis of Distributed Controllers for Sampled Switched Systems”
Program: Lunch Break

- 12h30–14h: Lunch break
  - Building 19
  - Follow us!
Program: Afternoon (1/2)

- 14h–15h: Invited Speaker: Marta Kwiatkowska
  - “Parameter synthesis for probabilistic real-time systems”

- 15h–16h: Session 2
  - Bharath Siva Kumar Tati and Markus Siegle: “Parameter and Controller Synthesis for Markov Chains with Actions and State Labels”
  - Peter Christoffersen, Mikkel Hansen, Anders Mariegaard, Julian T. Ringsmose, Kim G. Larsen and Radu Mardare: “Parametric Verification of Weighted Systems”

- 16h–16h30: Tea time
Program: Afternoon (2/2)

- **16h30–17h: Session 3**
  - Julien Alexandre Dit Sandretto, Alexandre Chapoutot and Olivier Mullier: “Tuning PI controller in nonlinear uncertain closed-loop systems with interval analysis”

- **17h–18h30: Informal presentations**
  - Étienne André, Camille Coti, Hoang Gia Nguyen: “Enhanced Distributed Behavioral Cartography of Timed Automata” (work in progress)
  - Alessandro Cimatti, Alberto Griggio, Sergio Mover and Stefano Tonetta: “Parameter Synthesis with IC3” (presented at FMCAD 2013)
Program: Dinner

- 19h: non-official SynCoP dinner
  - Verdi’s, 237 Mile End, London, UK E1 4AA
  - Follow us at 18h30

- Anyone can join... but please register
  - (*and everyone pays for themselves)
Publication: OASIs

- Dagstuhl’s OpenAccess Series in Informatics

- Open access and free of charge (well, for everyone... except the organizers!)

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- Post-proceedings
  - So as to take into account comments and discussions during the workshop
  - Tentative deadline: May 15th, 2015
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