

Saturday, April 11th, 2015  
London, UK

## 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

- Nicolas David, Claude Jard, Didier Lime, and Olivier H. Roux: “[Discrete Parameters in Petri Nets](#)” (accepted at Petri Nets 2015)
- 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: OASICs

- Dagstuhl's **OpenAccess Series in Informatics**  OASICs
- **Open access** and free of charge (well, for everyone... except the organizers!)
- Creative Commons CC-BY 
- Post-proceedings
  - So as to take into account comments and discussions during the workshop
  - Tentative deadline: **May 15th, 2015**



# Licensing

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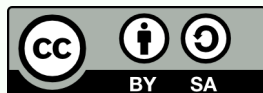
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