

Program :

Wednesday, September 23.

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- 9h00: Bus Meeting in Paris (Place Denfert-Rochereau) for the bus Paris -> Palaiseau
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Opening & Coffee Break

- 9h45-10h20: Registration & Coffee Break
- 10h20-10h30: Opening

Moshe Vardi's Invited Talk (10h30-11h30)

- 10h30-11h30 : *Model Checking as A Reachability Problem*, **Moshe Vardi**

Session 1 (11h30-12h40)

- 11h30- 12h05:
 - *Automatic Verification of Directory-based Consistency Protocols*, **Parosh Aziz Abdulla, Giorgio Delzanno and Ahmed Rezine**
- 12h05-12h40:
 - *A Reduction Theorem for the Verification of Round-Based Distributed Algorithms*, **Mouna Chaouch-Saad, Bernadette Charron-Bost and Stephan Merz**

Lunch break (12h40-14h00)

Oded Maler's Invited Talk (14h00-15h00)

- 14h00-15h00 : *Reachability for Continuous and Hybrid Systems*, **Oded Maler**

Coffee break (15h00-15h20)

Session 2 (15h20- 17h40)

- 15h20-15h55:
 - *Abstract Counterexamples for Non-Disjunctive Abstractions*, **Kenneth McMillan and Lenore Zuck**
- 15h55-16h30:
 - *Computable CTL* for Discrete-Time and Continuous-Space Dynamic Systems*, **Pieter Collins and Ivan Zapreev**
- 16h30-17h05:
 - *Limit Set Reachability in Asynchronous Graph Dynamical Systems*, **Anil Vullikanti, Henning Mortveit and Matt Macauley**
- 17h05-17h40:
 - *Cross-Checking - Enhanced Over-Approximation of the Reachable Global State Space of Component-based Systems*, **Christoph Minnameier and Mila Majster-Cederbaum**

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- 18h00: Bus Meeting in Palaiseau (Cour Ferrié of Ecole Polytechnique) for the bus Palaiseau -> Paris
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Thursday, September 24.

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- 8h30: Bus Meeting in Paris (Place Denfert-Rochereau) for the bus Paris -> Palaiseau
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Ahmed Bouajjani's Invited Talk (9h30-10h30)

- 9h30-10h30 : *On the Reachability Problem for Dynamic Networks of Concurrent Pushdown Systems*, **Ahmed Bouajjani and Mohamed Faouzi Atig**

Coffee Break (10h30-10h50)

Session 3 (10h50-12h35)

- 10h50-11h25:
 - *Games on Higher Order Multi-Stack Pushdown Systems*, **Anil Seth**
- 11h25-12h00:
 - *Forward Analysis of Dynamic Networks of Pushdown Systems is Easier without Order*, **Denis Lugiez**
- 12h00-12h35:
 - *How to Tackle Integer Weighted Automata Positivity*, **Yohan Boichut, Pierre-Cyrille Heam and Olga Kouchnarenko**

Lunch break (12h35-14h00)

Alexander Shen's Invited Talk (14h00-15h00)

- 14h00-15h00 : *Algorithmic Information Theory and Foundations of Probability*, **Alexander Shen**

Coffee break (15h00-15h20)

Session 4 (15h20- 17h05)

- 15h20-15h55:
 - *Games with Opacity Condition*, **Bastien Maubert and Sophie Pinchinat**
- 15h55-16h30:
 - *An Undecidable Permutation of the Natural Numbers*, **Eero Lehtonen**
- 16h30-17h05:
 - *The periodic domino problem is undecidable in the hyperbolic plane*, **Maurice Margenstern**

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- 17h15: Bus Meeting in Palaiseau (Cours Ferrié of Ecole Polytechnique) for the bus Palaiseau -> Paris
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Social events

- Optional Visit.
- 20h15: Dinner in a Restaurant in Paris Downtown :
Restaurant « Au chien qui fume », 33 rue du Pont Neuf, 75001 Paris. Tel : 01 42 36 07 42.

Friday, September 25.

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- 8h30: Bus Meeting in Paris (Place Denfert-Rochereau) for the bus Paris -> Palaiseau
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Thomas Henzinger's Invited Talk (9h30-10h30)

- 9h30-10h30 : *Formalisms for Specifying Markovian Population Models*, **Thomas Henzinger, Barbara Jobstmann and Verena Wolf**

Coffee Break (10h30-10h50)

Session 5 (10h50-12h35)

- 10h50-11h25:
 - *On Yen's Path Logic for Petri Nets*, **Mohamed Faouzi Atig and Peter Habermehl**
- 11h25-12h00:
 - *Counting multiplicity over infinite alphabets*, **Amaldev Manuel and R. Ramanujam**
- 12h00-12h35:
 - *Probabilistic Model Checking of Biological Systems with Uncertain Kinetic Rates*, **Roberto Barbuti, Francesca Levi, Paolo Milazzo and Guido Scatena**

Lunch break (12h35-13h45)

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- 13h45: Bus Meeting in Palaiseau (Cours Ferrié of Ecole Polytechnique) for the bus Palaiseau -> Paris
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