

**MoVEP 2010**  
**9th International Summer School on**  
**MOdelling and VERifying parallel Processes**  
**June 28 – July 2 2010, Aachen, Germany**  
<http://automata.rwth-aachen.de/movep2010/>

**Steering Committee:**

Franck Cassez (NICTA/CNRS, Sydney, AU)  
Jean-Michel Couvreur (LIFO, Orléans, F)  
Thierry Jéron (INRIA, Rennes, F)  
François Laroussinie (LIAFA, Paris, F)  
Christof Löding (RWTH Aachen, D)  
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**Program Committee:**

Christel Baier (TU Dresden, D)  
Karthik Bhargavan (MS Research Cambridge, UK)  
Patricia Bouyer-Decitre (LSV, Cachan, F)  
Véronique Cortier (LORIA - CNRS, F)  
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Petr Jančar (VŠB-TU, Ostrava, CZ)  
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Joost-Pieter Katoen (RWTH Aachen, D)  
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Rupak Majumdar (UC Los Angeles, USA)  
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Joel Ouaknine (Oxford Univ., GB)  
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Olivier Roux (IRCCyN, Nantes, F)  
Jeremy Sproston (Univ. of Torino, I)  
Grégoire Sutre (LaBRI, Bordeaux, F)  
Luca Vigano (Univ. of Verona, I)

**Important Dates:**

April 12, 2010	Opening of registration
May 21, 2010	Submission deadline
June 1, 2010	End of registration
June 28–July 2, 2010	Summer school

**Registration Fees:**

Student	50 €
Academic	80 €
Other	100 €

The registration fee includes attendance to the scientific program, course materials, coffee breaks, and a conference dinner.

**Further Information:**

Local Organisation: Christof Löding  
E-mail: [movep2010@automata.rwth-aachen.de](mailto:movep2010@automata.rwth-aachen.de)

**About MoVEP**

MoVEP is a 5 day summer school about modelling and verifying parallel processes. The first five MoVEP schools took place in Nantes (France) every two years from 1994 to 2002. The next editions were held in Brussels (Belgium) in December 2004, in Bordeaux (France) in June 2006, and in Orleans (France) in June 2008.

The purpose of MoVEP is to bring together researchers, students and people from industry working in the fields of control and verification of concurrent and reactive systems. The school seeks to offer a broad spectrum of current research in this area of theoretical and applied computer science. The topics covered by MoVEP 2010 include model checking, testing, synthesis, real-time and hybrid systems, games, stochastic systems, security, computational systems biology etc.

MoVEP 2010 is supported by the ESF GAMES project, INRIA Rennes, Action AFSEC of the CNRS GDR ASR, and the RWTH Aachen.

**Program**

**Tutorials (2h30):**

1. *Stochastic games*  
Krishnendu Chatterjee (IST Austria, Vienna, A)
2. *Verification of security protocols*  
Véronique Cortier (LORIA/CNRS, Nancy, F)
3. *Testing and model generation*  
Bengt Jonsson (University of Uppsala, S)
4. *Model checking probabilistic systems*  
Joost-Pieter Katoen (RWTH Aachen, D)
5. *Computational systems biology*  
Andrew Phillips (Microsoft Research Cambridge, GB)
6. *Timed Systems*  
James Worrell (Oxford University, GB)

**Technical Talks (1h30):**

1. *Compositional shape analysis*  
Dino Distefano (Queen Mary University of London, GB)
2. *Bounded model checking of hybrid systems*  
Martin Fränzle (University of Oldenburg, D)
3. *Realisability of message sequence charts*  
Blaise Genest (IPAL/CNRS, Singapore, SGP)
4. *Presburger arithmetic and verification of infinite state systems*  
Jérôme Leroux (LaBRI/CNRS, Bordeaux, F)
5. *Model checking recursive programs*  
Stefan Schwoon (LSV, Cachan, F)

**Ph.D. student sessions**

In addition to the tutorials and talks, there will be special sessions where Ph.D. students have the possibility to present their on-going research. Extended abstracts have to be submitted electronically until May 21st (see the web site for detailed submission instructions).