

8th International Summer School on MOdelling and VERifying parallel Processes

23-27 June 2008, Orléans, France

<http://www.univ-orleans.fr/evenements/movep2008>

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About the school location:

The summer school will take place near Orléans, at Nouan-le-Fuzelier in Sologne. In addition to the tutorials, talks and student sessions, there will be time for discussions and meetings during all the week. Accommodation are on site and included in the registration fees.

Important Dates:

March 31, 2008	Opening of registration
May 12, 2008	Submission deadline
May 12, 2008	End of registration
June 23-27, 2008	Summer school

Registration Fees:

Student	250 €
Academic	350 €
Other	450 €

Further Information:

E-mail: Jean-Michel.Couvreur@univ-orleans.fr
Thierry.Jeron@irisa.fr

Aims and scope

MOVEP is a 5 day summer school about modeling and verifying parallel processes. The first five occurrences of the School took place in Nantes (France) every two years from 1994 to 2002. The next edition was held in Brussels (Belgium) in December 2004, and the last one in Bordeaux in June 2006. General topics relate to specification and verification of computerized systems designed for the control of real-time applications, reactive or critical systems, and involving concurrent processes.

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'08 include model checking, controller synthesis, software verification, temporal logics, real-time and hybrid systems, games, stochastic systems, security, computational systems biology, etc.

Program

Tutorials (2h30):

1. *Computational Systems Biology*
Vincent Danos (University Paris Diderot, Paris, France)
2. *Games*
Christof Löding (RWTH Aachen University, Germany)
3. *Verification of Probabilistic Systems*
Dave Parker (Computing Laboratory, University of Oxford, UK)
4. *Verification of Hybrid Systems*
Goran Frehse (Verimag, Grenoble, France)
5. *Timed Systems*
Nicolas Markey (LSV, Cachan, France)
6. *Security (Formal Methods and Provable Security)*
Yassine Laknech (Verimag, Grenoble, France)

Technical Talks (1h30):

1. *Verification of Infinite State Probabilistic Systems*
Antonín Kučera (MUNI, Brno, Czech Republic)
2. *Controller Synthesis*
Laurent Doyen (EPFL, Lausanne, Switzerland)
3. *Static analysis*
Andreas Podelski (University of Freiburg, Germany)
4. *Binary code analysis*
Thomas W. Reps (University of Wisconsin-Madison, WI, USA)
5. *Hierarchical Control of Discrete Event Systems*
José E.R. Cury (UFSC, Florianopolis, Brazil)

Ph.D. student sessions

In addition to the tutorials and talks, there will be special sessions devoted to Ph.D. students, where they will be able to present their on-going research. Extended abstracts of these presentations will be published with the proceedings of the School, should not exceed 6 pages and should be written in English using LaTeX2e. Submissions have to be sent electronically before May 12th (see the web site for detailed submission instructions).