

MOVEP 2006

7th International Summer School on MODelling and VERIFYing parallel Processes

19-23 June 2006, Bordeaux, France

<http://movep.labri.fr/>

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About the school location:

The summer school will take place in University of Bordeaux 1. In addition to the tutorials, talks and student sessions, there will be time for discussions and meetings during all the week. Accommodation is possible for students at a low price. Otherwise a list of hotels will be given.

Important Dates:

March 7, 2006	Opening of registration
April 15, 2006	Submission deadline
April 15, 2006	Scholarship deadline
May 19, 2006	End of registration
June 19-23, 2006	Summer school

Registration Fees:

CNRS	0€
Student	160€
Academic	230€
Other	350€

Further Information:

Web site: <http://movep.labri.fr/>
E-mail: movep06@labri.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 last edition was held in Brussels (Belgium) in December 2004. 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'06 include model checking, controller synthesis, software verification, temporal logics, real-time and hybrid systems, stochastic systems, security, etc.

Program

Tutorials (2h30):

1. *Logics, Automata, and Behavioural Properties of Discrete Event Systems*
André Arnold (LaBRI, Bordeaux, France)
2. *Formal Verification of Stochastic Systems*
Christel Baier (Univ. Bonn, Germany)
3. *Software Model Checking via Static and Dynamic Program Analysis*
Patrice Godefroid (Bell Labs, Lucent, IL, USA)
4. *Modeling and Analysis of Hybrid Control Systems*
Karl H. Johansson (KTH, Stockholm, Sweden)
5. *Formal Verification of Cryptographic Protocols*
Steve Kremer (LSV, Cachan, France)
6. *From Logic to Games*
Igor Walukiewicz (LaBRI, Bordeaux, France)

Technical Talks (1h30):

1. *Verification of Infinite State Probabilistic Systems*
Antonín Kučera (MUNI, Brno, Czech Republic)
2. *Model Checking with Message Sequence Charts*
Doron A. Peled (Univ. Warwick, United Kingdom)
3. *Timed Controller Synthesis and Implementability Issues*
Jean-François Raskin (ULB, Brussels, Belgium)
4. *Reliability and Formal Methods*
Antoine Rauzy (IML, Marseille, France)
5. *Testing, Optimization and Games*
Mihalis Yannakakis (Univ. Columbia, NY, USA)

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. Moreover, extended abstracts of these presentations will be published with the proceedings of the School. These abstracts should not exceed 6 pages and should be written in English using LaTeX2e. Submissions have to be sent electronically before April 15th. Please see the web site for detailed submission instructions.