

32nd Spring School on Theoretical Computer Science

CONCURRENCY THEORY AND APPLICATIONS

CIRM, Marseille, 26 – 30 April, 2004

Scientific and Organising Committee

Roberto Amadio, LIF Marseille
Patricia Bouyer, LSV, Cachan
Paul Gastin, LIAFA, Paris
Rémi Morin, LIF, Marseille
Philippe Schnoebelen, LSV, Cachan
Igor Walukiewicz, LaBRI, Bordeaux
Pascal Weil, LaBRI, Bordeaux
Marc Zeitoun, LIAFA, Paris

Important dates

Poster submission January 31, 2004
Early registration January 31, 2004
School April, 26–30, 2004

Poster session

A poster session will be organised where PhD students may present their ongoing work. Interested students should send a one page abstract to Patricia Bouyer at patricia.bouyer@lsv.ens-cachan.fr by January 31, 2004.

Registration

The capacity of the conference center is limited and therefore early registration is recommended. A limited number of grants for doctoral students and CNRS researchers are available. Informations on the registration procedure is available at <http://www.cmi.univ-mrs.fr/epit32>

Local contact

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Programme

Patricia Bouyer, *Timed models for concurrent systems*
Benoît Caillaud, *Synchronous and asynchronous systems*
Volker Diekert, *Reachability in Petri nets*
Javier Esparza, *Unfoldings: a true concurrency approach to model checking*
Paul Gastin, *Specifications for distributed systems*
Nicolas Halbwachs, *Synchronous programming: principles, languages, implementation*
Rémi Morin, *Introduction to models for concurrency*
Anca Muscholl, *Scenarios and verification*
Igor Walukiewicz, *Distributed synthesis via games*

Presentation The Spring School on Theoretical Informatics is an institution in the domain of theoretical informatics in France. For many years, the school has developed under the guidance of Maurice Nivat, covering a large spectrum of topics and establishing as an excellent meeting point for the new generations of researchers. In the last years, the school has acquired a european dimension attracting scholars from several countries. In 2004, the school will focus on Concurrency Theory and Applications. This area has been developing in the last forty years starting from work in formal languages, programming, mathematical logic, and control theory. Nowadays, the theory proceeds along a certain number of avenues such as net theory, process calculi, and modal logics. Many specialised or enriched models have been developed in order to cover a variety of applications such as synchronous, real time, and distributed systems.

Public The school targets a public of doctoral students working in the areas of modelling, programming, and verification of concurrent systems as well as a public of confirmed researchers wishing to approach these areas.

Venue The school will be held at the *Centre International de Rencontres Mathématiques* (CIRM), located in the University Campus of Luminy, well connected to Marseille center, and within walking distance of the scenic area of *Calanques*. The center provides full boarding for participants as well as library and computing facilities.

Access By train (Marseille St-Charles station) or by plane (airport Marseille Provence). For more informations consult CIRM at <http://www.cirm.univ-mrs.fr>