



Third International Conference on Algebraic Topological Methods in Computer Science

7-11 July 2008, Paris, France

Satellite of the 5th European Congress of Mathematics

CONFERENCE TOPICS

Recent research has shown that techniques from algebraic topology adapt strikingly well in studying computational systems and other subjects within Computer Science. This third ATMCS conference, following ATMCS I in Stanford (2001) and ATMCS II in London (2004), hopes to bring together researchers employing geometric/topological methods in both abstract and concrete areas of computer science. Areas of interest include concurrency theory, distributed computing and complexity, rewriting systems, image analysis, and sensor networks.

INVITED SPEAKERS

- John Baez, University of California Riverside, U.S.A.
- Gunnar Carlsson, Stanford University, U.S.A.
- Herbert Edelsbrunner, Duke University, U.S.A.
- Robin Forman, Rice University, Houston, U.S.A.
- Philippe Gaucher, University of Paris 7 and CNRS, France
- Emmanuel Haucourt, CEA and Ecole Polytechnique, France
- Maurice Herlihy, Brown University, Providence, U.S.A.
- Rick Jardine, University of Western Ontario, Canada
- Louis Kauffman, University of Illinois at Chicago, U.S.A.
- Sanjeevi Krishnan, CEA and Ecole Polytechnique, France
- Claudia Landi, University of Modena e Reggio Emilia, Italy
- François Metayer, University of Paris 7 and CNRS, France
- Konstantin Mischaikow, Rutgers University, U.S.A.
- Francis Sergeraert, University of Grenoble 1, France
- Krzysztof Worytkiewicz AGH University of Science and Technology, Cracow

VENUE

The conference will take place at University of Paris Diderot (Paris 7) at the Computer Science Department (*UFR d'informatique*), located on 5 rue Watt, Paris 75013.

PROGRAM COMMITTEE

- Gunnar Carlsson, Stanford University, U.S.A.
- Pierre-Louis Curien, CNRS and University of Paris 7, France
- Massimo Ferri, Bologna University, Italy
- Eric Goubault, CEA and Ecole Polytechnique, France
- Maurice Herlihy, Brown University, Providence, U.S.A.
- Yves Lafont, Université de la Méditerranée, France
- Pedro Real, University of Sevilla, Spain

CALL FOR SUBMISSION

Abstracts for posters and talks are encouraged:

- Deadline for submission of all abstract: 22 May 2008
- Notification of acceptance: 5 June 2008
- Deadline for registration: 15 June 2008

Please contact atmcs08@lix.polytechnique.fr regarding any questions, or consult <http://www.lix.polytechnique.fr/~sanjeevi/atmcs>

