



From
18
SEP.
2023
to
11
DEC.
2023

08h30
-
19h30

2023-T3 RECENT TRENDS IN COMPUTER ALGEBRA

Recent trends in computer algebra, Paris

Institut Henri Poincaré
11, Rue Pierre et Marie Curie
75005 Paris

INSCRIPTION

Thematic programme at the Institut Henri Poincaré, Paris

Registration is free but mandatory

Recent trends in computer algebra, IHP Paris

September 18th to December 11th, 2023

IHP Paris Trimester Fall 2023 with courses, topical days, seminars, general audience talks and three 1-week workshops

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Workshops:

September 18th to 29th: Fundamental Algorithms and Algorithmic Complexity

Organised by J. van der Hoeven, M. Giesbrecht, P. Koiran, G. Villard.

October 9th to 20th: Geometry of Polynomial System Solving, Optimization and Topology

Organised by C. D'Andrea, P. Lairez, M. Safey El Din, É. Schost, L. Zhi.

November 27th to December 12th: Computer Algebra for Functional Equations in Combinatorics and Physics

Organised by A. Bostan, J. Bouttier, T. Cluzeau, L. Di Vizio, C. Krattenthaler, P. Lairez, J.-M. Maillard.

Organising committee:

- **Alin Bostan** (Inria, Saclay, France)
- **Mark Giesbrecht** (University of Waterloo, Canada)
- **Christoph Koutschan** (RICAM, Linz, Austria)
- **Marni Mishna** (Simon Fraser University, Canada)
- **Mohab Safey El Din** (Sorbonne Université, France)
- **Bruno Salvy** (Inria, ENS Lyon, UCBL, France)
- **Gilles Villard** (CNRS, ENS Lyon, UCBL, France)

Scientific committee:

- **Mireille Bousquet-Mélou** (CNRS, Bordeaux, France)
- **Peter Bürgisser** (TU, Berlin, Germany)
- **Alicia Dickenstein** (U. Buenos Aires, Argentina)
- **Sandra Di Rocco** (KTH, Stockholm, Sweden)
- **Joachim von zur Gathen** (Bonn, Germany)
- **Manuel Kauers** (JKU, Linz, Austria)
- **Grégoire Lecerf** (CNRS, Ecole polytechnique, France)
- **Jean-Michel Muller** (CNRS, ENS de Lyon, France)
- **Igor Pak** (UCLA, Los Angeles, USA)
- **Eric Schost** (U. Waterloo, Canada)
- **Alan Sokal** (UCL, London, UK + NYU, New York, USA)
- **Bernd Sturmfels** (UCB, Berkeley, USA + MPI Leipzig, Germany)
- **Virginia Vassilevska Williams** (MIT, Cambridge, USA)
- **Lihong Zhi** (AMSS, Beijing, China)
- **Wadim Zudilin** (Nijmegen, Netherlands)

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INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.