



CENTRE INTERNATIONAL DE MATHÉMATIQUES PURES ET APPLIQUÉES  
INTERNATIONAL CENTRE FOR PURE AND APPLIED MATHEMATICS

**CIMPA**  
Roma 3 - January 2015  
Michel Waldschmidt



CENTRE INTERNATIONAL DE MATHÉMATIQUES PURES ET APPLIQUÉES  
INTERNATIONAL CENTRE FOR PURE AND APPLIED MATHEMATICS



## CIMPA's mission

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- a main endeavour is to maintain three equilibria: gender, geography and subject,
- proposals in the most mathematically or economically deprived areas are encouraged and will be given priority,
- we act where there is a will to further develop mathematics and where a research project is sustainable.

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## CIMPA's mission

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To promote international cooperation for developing research in mathematics.

To this end CIMPA organizes Research Schools, supports activities in partnership with continental mathematical societies as well as funding for training in research.

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## CIMPA's history

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CIMPA is:

- a non-profit organization created in 1978. Mathematicians working for mathematicians. Offices in Nice, France,
- mainly funded by France. More recently also funded by Spain, Norway and Switzerland,
- a category 2 centre of UNESCO since the 90's.

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## CIMPA's organization

- Our General Assembly elects 7 individual members to the Governing Board,
- Institutional members are UNESCO, France, Norway and Spanish Ministries, University of Nice and CNRS,
- The GB elects its 4 member Executive Committee (Bureau in French),
- A Scientific Council and a Steering Council,
- The Director is appointed by the GB, he leads CIMPA with the help of his Management Team.



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## CIMPA Research Schools



Levy processes and self-similarity  
Tunis Hammamet Novembre 2013

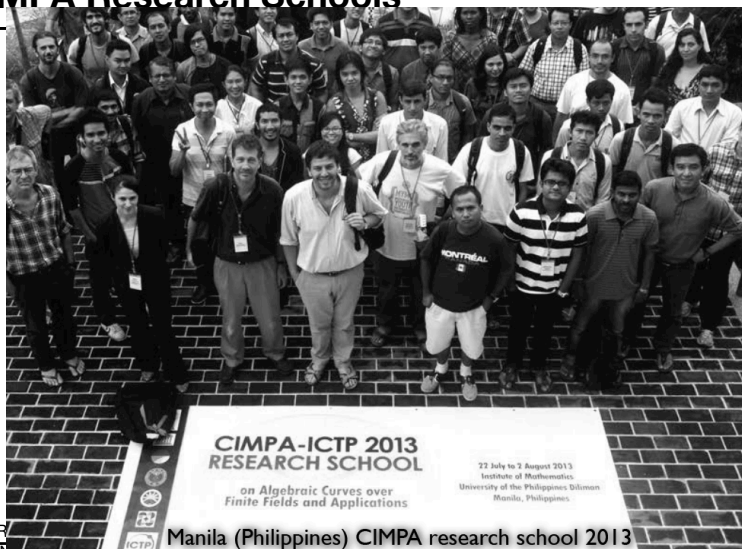


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## CIMPA Research Schools



Manila (Philippines) CIMPA research school 2013

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## 2015

<b>Salta</b> Uruguay March 9 - 20 Hamiltonian and Lagrangian Dynamics	<b>Cocle</b> Panama October 19 - 28 Non-commutative Algebra	<b>Mulzenberg</b> South Africa July 19 - 31 Algebraic Representation Theory 2015
<b>Santiago</b> Chile April 6 - 17 Minimal surfaces, overdetermined problems and geometric analysis	<b>Salta</b> Argentina November 2 - 13 Cantor-Saita 2015: Dynamics on Cantor sets	<b>Mombasa</b> Kenya July 2015 Mathematical Modelling and analysis of complex systems
<b>Cabo Frio</b> Brazil June 1 - 12 II Latin American School of Algebraic Geometry and Applications	<b>Hammamet</b> Tunisia March 29 - 29 Nonlinear Partial Differential Equations arising from Geometry and Physics	<b>Ziguinchor</b> Senegal December 5 - 16 Probabilistic models in epidemiology
<b>Lima</b> Peru May 25 - June 5 Transformation Groups and Dynamical Systems	<b>Marrakech</b> Morocco April 13 - 24 Géométrie différentielle et algèbres non-associatives	<b>Mumbai</b> India July 6 - 17 Summer School on Current Research in Finite Element Methods
<b>Buenos Aires</b> Argentina July 6 - 17 Random processes and optimal configurations in analysis	<b>Oujda</b> Morocco May 18 - 29 Théorie des nombres et applications	<b>Ispahan</b> Iran August 24 - Sep 4 Tilings and Tessellations
<b>Cusco</b> Peru August 8 - 22 Arithmetic, Groups and Analysis: Cusco 2015	<b>Izmir</b> Turkey June 29 - July 12 Leavitt path algebras and graph $C^*$ -algebras	<b>Daejeon</b> South Korea May 25 - June 3 Dynamical systems, Examples, billiards, and the 3-body problem
<b>Sao Carlos</b> Brazil August 23 - Sep 4 New interactions of Combinatorics and Probability		<b>Ulaanbaatar</b> Mongolia July 27 - August 7 Stochastics Processes and Applications Mongolia 2015

**CIMPA 2015**  
Écoles de recherche  
Research Schools

INTERNATIONAL CENTRE FOR PURE AND APPLIED MATHEMATICS (CIMPA) is a non-profit organization  
with headquarters and legal seat in Paris, France. It is a member of the International Science Council (ISC) and the International Union of Pure and Applied Chemistry (IUPAC).

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## EMALCAs, AMS, SEAMS and WAMS

### AMS 2015 with the African Mathematical Union

- Franceville, Gabon, 23/03 – 03/04
- Ziguinchor, Sénégal, 23/03 - 03/04
- Cap Vert, 13/04 – 28/04
- Yamoussoukro, Ivory Coast, 01/06 – 13/06
- Makerere, Ouganda, 06/07 – 17/07
- Yaoundé, Cameroun, 07/09 – 26/09
- Marrakech, Maroc, 12/10 – 30/10

Home > Activities by region > Sub-Saharan Africa > Announcements and various informations > Call for proposals 2015 for AMS (African Mathematical Schools)

Call for proposals 2015 for AMS (African Mathematical Schools)

by RS AS2 - 23 November 2014  
Version française

Since the summer of 2009, the AMU, under the presidency of Salou Touré (Ivory Coast) with Secretary General Daniel Makonde (South Africa) has drawn up a strategic action plan and has been developing its activities: research of African Mathematicians with Springer and an international scientific committee, web site, distribution list and organization of African Mathematical Schools (AMS) in partnership with CIMPA.

What follows is the call for proposals for schools in 2015

African Mathematical Schools (AMS)

Call for Application 2015

- Deadline to submit the application: October 1st, 2014
- Time frame: Schools to be held between January 1st and December 31st, 2015

The application, consisting of a detailed project for a mathematical school, should be sent to both the African Mathematical Union (AMU) and CIMPA.

### West Asia Mathematical Schools 2015

- Erbil, Kurdistan-Irak, 19/04 – 30/04

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## EMALCAs, AMS, SEAMS and WAMS

We impulse and we support advanced mathematics schools (Master Degree level) in partnership with continental mathematical unions.

### EMALCAs 2015, with Union de Matematicos de America Latina y el Caribe

- Perou - Piura - 03/08 - 14/08
- Argentina - Tucuman - 11/08 - 22/08
- Venezuela - Mérida - 30/08 - 04/09
- Bolivia - Copacabana - 14/09 - 26/09
- Nicaragua - Leon - 07/12 - 16/12
- Mexico – Puebla – 15/06 – 26/06



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## EMALCAs, AMS, SEAMS and WAMS

### SEAMS 2015 schools with the South East Asian Mathematical Society

- Hanoi – Vietnam, 01/03 – 15/03
- HCMC – Vietnam, 31/08 – 08/09
- Sanata Dharma, Yogyakarta, Indonesia, 07/09 – 15/09
- Makassar, South Sulawesi, Indonesia, 28/09 – 06/10
- Serdang, Selangor, Malaysia, 02/10 – 10/10
- Gadjah Mada, Yogyakarta, Indonesia, 09/11 – 17/11



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## CARMIN

CARMIN is an “Excellence Laboratory” in France led by Cédric Villani (Fields Medalist), composed of four centres:



Centre international de rencontres mathématiques



and CIMPA.

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## FUNDING FOR TRAINING IN MATH

### RESEARCH

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- Priority in the most mathematically or economically deprived areas, and very specially in Africa,
- Projects (between 2 to 4 weeks) for teaching at Master level,
- Proposals with Director's opinion are addressed to the Bureau, which make decisions in liaison with the Scientific Council.

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Thank you.

