



CIMPA

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Executive Director of CIMPA
Professor at Université Côte d'Azur (France)

MISSION

The Centre International de Mathématiques Pures et Appliquées (CIMPA) is an association under the 1901 French law of associations with the mission to **promote research in mathematics in developing countries.**

CIMPA is a category 2 UNESCO centre, based in Nice (France) and funded by France, Norway, Spain and Switzerland.

CIMPA is part of the Laboratoire d'Excellence CARMIN
(Centres d'Accueil et de Rencontres Mathématiques Internationales)
together with IHES, IHP and CIRM.

CIMPA Activities

- CIMPA Schools
- CIMPA Courses
- CIMPA Fellowships
- Schools in Partnerships

CIMPA SCHOOLS

Historically, the CIMPA's activity has been the organisation of research schools in developing countries. Each school offers an introduction to recent research in mathematics.

Up until now, CIMPA has organized 340 research schools in 62 countries.

CIMPA SCHOOLS



CIMPA SCHOOLS 2020

ÉCOLES CIMPA 2020 CIMPA SCHOOLS



CIMPA

www.cimpa.info

Centre International
de Mathématiques
Pures et Appliquées

Promoting Research in Math in Developing Countries

CIMPA SCHOOLS

All participants are welcome, persons who require financial support from CIMPA to participate in a research school apply on the website of CIMPA.

Calls for projects of CIMPA Schools are launched every year. The call for projects of CIMPA Schools for 2022 will be launched in Spring 2020 with a deadline for submission in early September 2020.

CIMPA COURSES

The CIMPA features a program of support for training in research, called CIMPA Courses, for the most mathematically or economically disadvantaged areas. The program consists in funding the organisation of research-level courses in mathematics within the geographic areas of activities of CIMPA (Africa, Central or South America, Asia).

CIMPA COURSES



Since January 2017, 116 CIMPA Courses have been funded by CIMPA

CIMPA COURSES

The CIMPA covers the travel (and in some occasions local expenses) of lecturers to teach a course for a period of one to four weeks. It can be a course within a Master program, a doctoral school or any course in support to students and researchers.

The call for projects is permanently opened. Applications are made by the lecturer or the local responsible of the invitation.

CIMPA FELLOWSHIPS

The CIMPA funds the participation of young mathematicians from developing countries in Short-Thematic Programmes, which through conferences, classes and seminars, provide the ideal environment to discuss ideas and techniques relating to specific research areas in maths.

Presently we offer CIMPA Fellowships to participate in Short-Thematic Programmes at:

IHP, CRM and CIRM.

CIMPA FELLOWSHIPS

Trimester Programmes at IHP

April 15th to July 12th, 2019

Organized by
David HARARI, Université Paris-Sud
Emmanuel PEYRE, Université Grenoble Alpes
Alexei SKOROBGATOV, Imperial College London

Reinventing Rational Points
Thematic programme with short courses, seminars and workshops

CIRM Pre-school Marseille
April 15th to 19th, 2019

Rational points on Fano and similar varieties
May 20th to 24th, 2019

Rational points on irrational varieties
June 24th to 28th, 2019

Programme coordinated by the Centre Emile Borel at IHP
Participation of postdocs and PhD students is strongly encouraged
Scientific programme on: <https://www.fourierlab.grenoble.fr/ratio2019/>

Registration is free however mandatory on: www.ihp.fr
Deadline for financial support: **September 15th, 2018**
Contact: ratio2019@ihp.fr

Delphine Léplatre: CEB Organization assistant
Sylvie Lhermitte: CEB Manager

Supported also by: CIRM, Sorbonne Université, CNRS, CARMIN, FSMP, ANR, etc.

September 9th to December 13th, 2019

Scientific Committee:
Michael Ghil, ENS, Paris and UCLA, Los Angeles (co-chair)
Hervé Le Treut, IPSL, Paris (co-chair)
Mickaël D. Chekroun, UCLA, Los Angeles
Anne-Laure Dalibard, IJLL, Sorbonne Université, Paris
Patrice Klein, Caltech and JPL, Pasadena
Valerio Lucarini, University of Reading, UK
Sabrina Speich, ENS, Paris

The mathematics of climate and the environment
Thematic program with short courses, seminars and workshops

IESC Pre-school in Corsica
September 9th to 13th, 2019

Nonlinear and stochastic methods in climate and geophysical fluid dynamics
October 7th to 11th, 2019

Big data, data assimilation, and uncertainty quantification
November 12th to 15th, 2019

Coupled climate-ecology-economy modeling and model hierarchies
December 2nd to 6th, 2019

Program coordinated by the Centre Emile Borel (CEB) at IHP
Participation of postdocs and PhD students is strongly encouraged
Scientific program on: <http://www.gosciences.ens.fr/CIMathParis2019/>

Registration is free however mandatory on: www.ihp.fr
Deadline for financial support: **March 15th, 2019**
Contact: CIMathParis2019@ihp.fr

Charlotte Saint-Léger: CEB organizational assistant
Sylvie Lhermitte: CEB Manager

Supported by: Sorbonne Université, CNRS, CARMIN, FSMP, etc.

January 6th to April 3rd, 2020

Organized by:
David Hernandez, Université Paris Diderot-Paris VII
Nicolas Jacon, Université de Reims Champagne-Ardenne
Emmanuel Letellier, Université Paris Diderot-Paris VII
Simon Riche, Université Clermont Auvergne
Eric Vasserot, Université Paris Diderot-Paris VII

Representation Theory
Thematic program with short courses, seminars and workshops

CIRM Pre-school Marseille
January 6th to 10th, 2020

Geometry and representation theory
January 27th to 31st, 2020

Quiver varieties, character varieties and DT-invariants
February 24th to 28th, 2020

Categorifications: Hecke algebras, finite groups and quantum groups
March 23rd to 27th, 2020

Program coordinated by the Centre Emile Borel (CEB) at IHP
Participation of postdocs and PhD students is strongly encouraged
Scientific program on: <http://reptheory2020.ihp-pg.fr>

Registration is free however mandatory on: www.ihp.fr
Deadline for financial support: **June 15th, 2019**
Contact: reptheory2020@ihp.fr

Delphine L. plé: CEB organizational assistant
Sylvie Lhermitte: CEB Manager

Supported by: CIRM, Sorbonne Université, CNRS, CARMIN, FSMP, etc.

For each Trimester Programme at IHP, three laureates of the so-called CIMPA-CARMIN program are selected. They receive a financial funding that covers their travel cost, their accommodation in Paris and a per diem allowance of 600€/month.

Application are made through the CIMPA website. They include a CV, a motivation letter, and two recommendation letters.

CIMPA FELLOWSHIPS

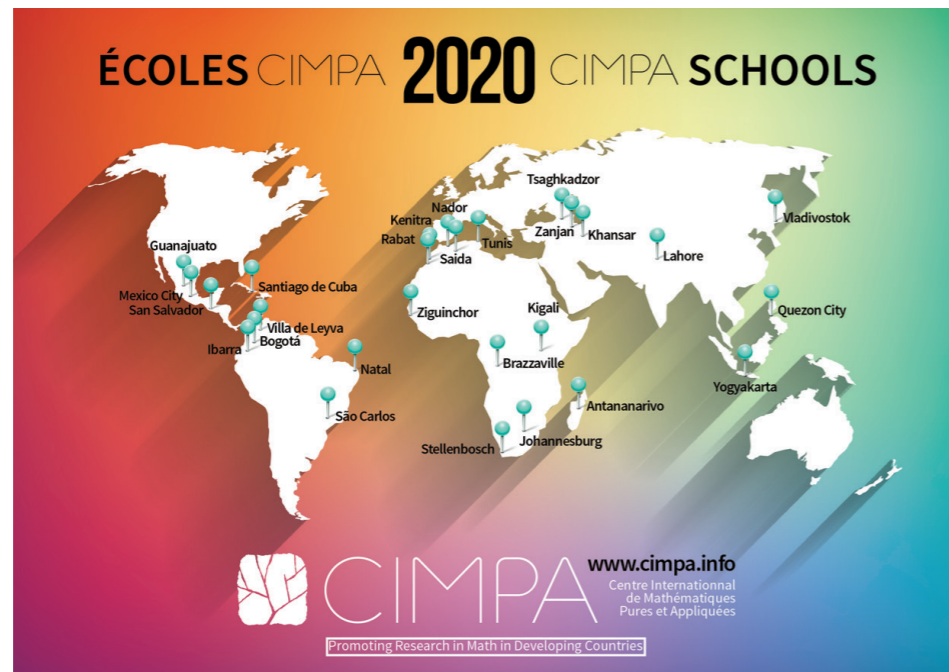


CIMPA Fellowships funded since 2017

SCHOOLS IN PARTNERSHIP

- **African Mathematical Schools (EMA)** in collaboration with the African Mathematical Union (AMU)
- **Escuelas de Matemática de América Latina y del Caribe (EMALCA)** in collaboration with the Unión Matemática de América Latina y el Caribe (UMALCA)
- **South East Asian Mathematical Schools (SEAMS)** in collaboration with the South East Asian Mathematical Society (SEAMS)
- **West Asian Mathematical Schools (WAMS)**

CIMPA ACTIVITIES IN 2020



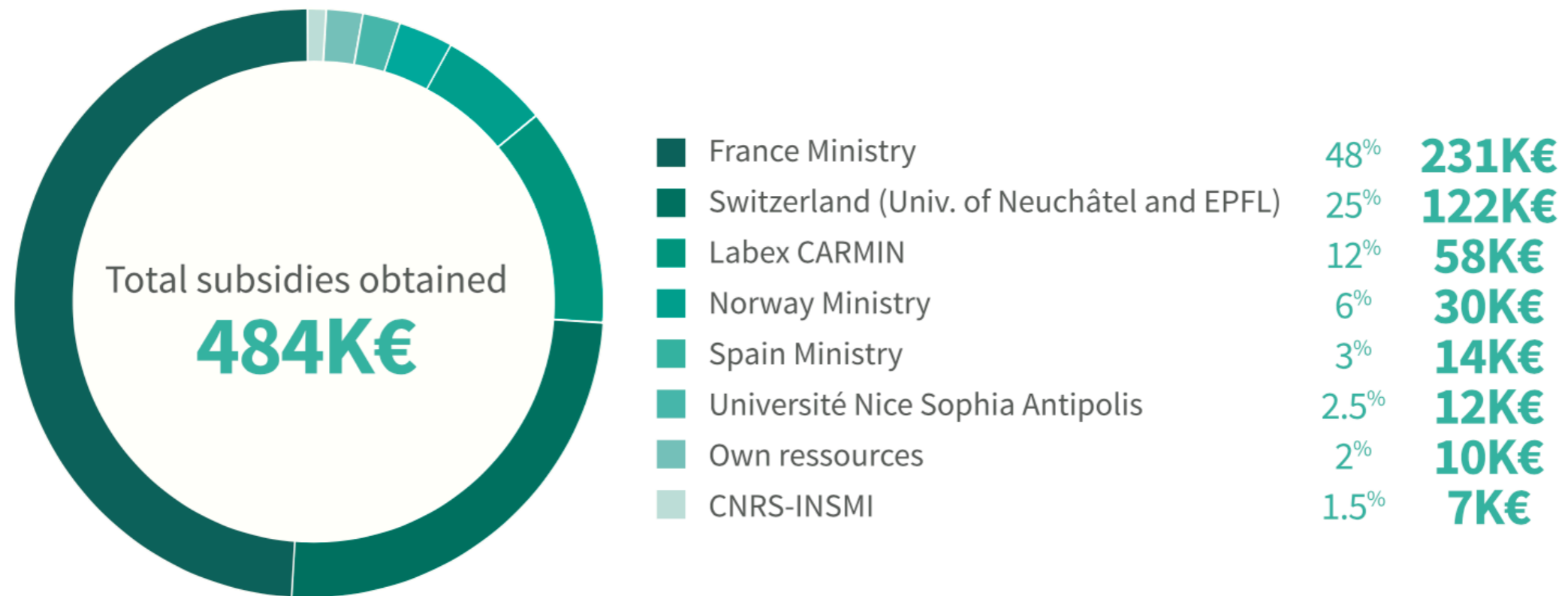
Already 30 CIMPA
Courses
Scheduled in 2020

CIMPA Fellowships
for intensive
programmes at
CIRM, CRM and IHP

19 Schools in
Partnership funded
in 2020

Funding and Organisation

2019 CIMPA BUDGET



EXECUTIVE BOARD

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Executive Director: Ludovic RIFFORD (Nice)

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NIVOCHÉ
(Nice)



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RAVELOMANANA
(Paris)



Rosane
USHIROBIRA
(Lille)



NEWS

- Change of Executive Director in September 2020, the next director is **Christophe Ritzenthaler** (Rennes 1)
- **New CIMPA country members:** ongoing discussions with Germany, discussions with Italy suspended
- **Others sources of funding:** A request for funding has been submitted to the Simons Foundation. **We got it!!!**
The plan is to finance more CIMPA Courses and more CIMPA Fellowships.

Thank you