



ICMP, International Congress of Mathematical Physics

PERSONS CONCERNED

PhD students, Academic Researchers and Engineers, Industrial Researchers and Engineers. Master of Science, Doctorate, Engineer degree.

COMPETENCES AT THE END OF THE TRAINING

- > will have gained a broad knowledge of the state of the art research in mathematical physics
- > will have gained a focussed information in the following themes : String Theory & Quantum Gravity, Quantum Mechanics & Spectral Theory, Quantum Information, Quantum Field Theory, Probability & Random Structures, Partial Differential Equations, Nonequilibrium
- > will have been given opportunities in terms of collaborations and information exchange with colleagues from around the world

PROGRAM

The International Congress on Mathematical Physics (ICMP) is the world's largest research congress in mathematical physics (ICMP, icmp2024.org). It is organized every three years on behalf of the International Association of Mathematical Physics (IAMP, www.iamp.org). In 2024 it will take place in Strasbourg, France from July 1 to July 6. The 16 plenary speakers and 78 speakers in thematic parallel sessions will cover the various fields of mathematical physics. The ICMP will be directly preceded by the Young Researcher Symposium (YRS) and accompanied by several satellite conferences <https://icmp2024.org/satellites.html>

The YRS will be held from June 28 to June 29, 2024 at the University of Strasbourg. It offers a unique opportunity for young scientists to present and discuss their research in an international scientific context, gain visibility and discover new perspectives and ideas.

Public Lecture : a 1-hour long public lecture will be given by the Nobel Prize Laureate Serge Haroche on Saturday, July 6th.

Plenary Speakers

Scott Armstrong (New York University)
 Jaqueline Bloch (Université Paris-Saclay)
 Jian Ding (Peking University)
 Vojkan Jakšić (McGill University) & Claude-Alain Pillet (Université de Toulon)
 Karol Kozłowski (ENS de Lyon)
 Eugenia Malinnikova (Stanford University)
 Phan Thành Nam (LMU Munich)
 Hermann Nicolai (MPI for Gravitational Physics, Potsdam)
 Leonid Parnovski (UCL, London)
 Daniel Remenik (Universidad de Chile)
 Steve Shkoller (UC Davis)
 Maryna Viazovska (EPFL, Lausanne)
 Michael Walter (Ruhr Universität Bochum)
 Lauren Williams (Harvard University)
 Jiangong You (Nankai University)
 Maciej Zworski (UC Berkeley)

Thematic Sessions

Dynamical Systems :

Session organizers
 Mark Demers (Fairfield University)
 Anton Gorodetski (UC Irvine)

Equilibrium Statistical Mechanics :

Session organizers
 Margherita Disertori (Universität Bonn)
 Ron Peled (Tel Aviv University)

General Relativity :

Session organizers
 Peter Hintz (ETH Zürich)
 Jonathan Luk (Stanford University)

TEACHING METHODS

Plenary lectures, prize recipient lectures, parallel sessions, contributed talks and postersessions. Public lecture.

SCIENTIFIC OFFICER

Anantharaman Nalini
 E-mail : learning@icmp2024.org
 Professor, IRMA / "Collège de France"

USEFUL LINKS

<https://icmp2024.org/index.html>

CONGRÈS-FORMATION

Duration : 6 days

En 2024

Référence : EBH24-1578A
 du 01 juillet 2024
 au 07 juillet 2024
 Price : Consult us

Venue

Université de Strasbourg -
 Service Formation Continue
 21 Rue du Maréchal
 Lefebvre
 67100 Strasbourg

Information and registration

Elodie BUCH
 Tél : 03 68 85 49 40
congres@unistra.fr

Nature and sanction of the training

*This training constitutes an action of adaptation and development of skills.
 It gives rise to the issuance of a certificate of participation.
 An evaluation at the end of training makes it possible to measure trainee satisfaction as well as the achievement of training objectives*