



## PROGRAMME, PAST

### T1A-2023 Quantum gravity, random geometry and holography

**Start date** : 9 January 2023 - **End date** : 17 February 2023

January 9<sup>th</sup> to February 17<sup>th</sup>, 2023

Organisers:  
 John Barrett (Université Nottingham, UK)  
 Dario Benedetti (École Polytechnique, France)  
 Joseph Ben Geloun (Université Sorbonne Paris Nord, France)  
 Renate Loll (Radboud University Nijmegen, The Netherlands)

**Quantum gravity, random geometry and holography**  
 Thematic program with short courses, seminars and workshops

**Quantum Gravity and Random Geometry**  
 January 10<sup>th</sup> to 20<sup>th</sup>, 2023

**Tensor Models and Holography**  
 February 6<sup>th</sup> to 10<sup>th</sup>, 2023

Program coordinated by the Centre Emile Borel (CEB) at IHP (Paris) and also accessible online.  
 Participation of postdocs and PhD students is strongly encouraged.  
 Registration is free however mandatory.

Scientific program and registration on: <https://indico.math.cnrs.fr/event/344/>  
 Deadline for financial support: June 15<sup>th</sup>, 2023  
 Contact: [cbp@ihp.fr](mailto:cbp@ihp.fr)

CEB organisation assisted: Hesperia One  
 CEB manager: Sylvie Lichtenberg  
[www.ihp.fr](http://www.ihp.fr)

With support from:

URL of the page: [https://www.ihp.fr/en/news-research-activities/t1a-2023-quantum-gravity-random-geometry-and-holography&is\\_pdf=true](https://www.ihp.fr/en/news-research-activities/t1a-2023-quantum-gravity-random-geometry-and-holography&is_pdf=true)

## Organisation

### Organisers:

J. Barrett, J. Ben Geloun, D. Benedetti, R. Loll

### Administrative, financial and logistic organisation:

Florence Da Silva / Efé Luguay  
Contact: qgrav2023@ihp.fr

### Scientific programme:

Detailed programme: <https://indico.math.cnrs.fr/category/542/>

Workshops:

- January 16<sup>th</sup> to 20<sup>th</sup>, 2023: Quantum gravity and random geometry
- February 6<sup>th</sup> to 10<sup>th</sup>, 2023: Tensor models and holography

### Videos



**Videos of the trimester are now available on Carmin.tv**



### **CIMPA-CARMIN programme:**

Through the CIMPA-CARMIN programme the organisers wish to fund, with the support of the Labex CARMIN, the CIMPA and IHP, the participation of several young mathematicians from developing countries to the activities of the trimester.

Young scientists (master students soon looking for a PhD, PhD students, postdocs) meeting those criteria and interested in the topics are much encouraged to apply for a support to participate on [the CIMPA web page](#).



### **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.

URL of the page: [https://www.ihp.fr/en/news-research-activities/t1a-2023-quantum-gravity-random-geometry-and-holography&is\\_pdf=true](https://www.ihp.fr/en/news-research-activities/t1a-2023-quantum-gravity-random-geometry-and-holography&is_pdf=true)