



Research in Paris

RESEARCH IN PARIS, CURRENT

2022 - Research in Paris

Start date : 1 January 2022 - **End date** : 31 December 2022

February 21 – April 1

- **Existential theories of valued fields and their Turing degrees.**
- A. Fehm, S. Anscombe

March 28 – April 15

- **Regularity of optimal transport maps for L_p costs.**
- M. Goldman, L. Koch, F. Otto

April 4 – 8

- **Modelling brain activity.**
- C. Antonopoulos, T. Manos

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May 3 – 6

- **Singular metrics, valuations and singularities of the MMP.**
- A. Belotto Da Silva, L. Fantini, A. Pichon

May 9 – 20

- **The Baum-Connes conjecture and the mapping class groups.**
- S. Pooya, I. L. Chatterji, M. P. Gomez Aparicio

May 16 – 25

- **Semilinear and quasilinear systems in fluid mechanics forced by space time white noise.**
- Z. Brzezniak, P. Razafimandimby, K. Yamazaki

May 16 – June 24

- **M-theory|heterotic duality in the presence of G-flux.**
- I. Melnikov, R. Minasian

June 1 – 30

- **Torsion points on fibres of elliptic surfaces as intersection of multiple sections.**
- J. Desjardins, J. Park, R. Winter

June 6 – 17

- **Low-Lying zeros in families of holomorphic cusp forms.**
- L. Devin, D. Fiorilli, A. Södergren

September 5 – 16

- **Complexity in quantum field theory and holography.**
- S. Chapman, A. L. Cotrone, G. Policastro, D. Seminara, E. Ton

November 7 – 18

- **Structures finslériennes de l'espace de Teichmüller et géométrie convexe.**
- A. Papadopoulos, Y. Huang, H. Miyachi, K. Ohshika

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INSTITUT HENRI POINCARÉ

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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.