



# 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 and 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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**TIMETABLE**

Monday to Friday: 8:30 am to 6 pm  
Closed on public holidays