




## PROGRAMME, UPCOMING

### T3-2024 Post-quantum algebraic cryptography

**Start date : 9 September 2024 - End date : 13 December 2024**

**September 9<sup>th</sup> to December 13<sup>th</sup>, 2024**

**Organizers:**  
**Delaram Kahrizbadi** (The City University of New York CUNY and CCL,  
 University of York, UK, [DK1000@CUNY](mailto:DK1000@CUNY))  
**Ludovic Pierrot** (Sorbonne Université and Inria),  
[Jean-Charles.Faugere@Inria.fr](mailto:Jean-Charles.Faugere@Inria.fr), Sorbonne Université  
**Vadim Stepanov** (City College of New York)



**IHPC**  
**INSTITUT**  
**HAUTS**  
**POISSONS**

AN INSTITUT DE RECHERCHE  
 EN MATHÉMATIQUES

## Post-quantum algebraic cryptography


Thematic programme with short courses, seminars and workshops

**Introductory summer school at IES  
 Corsica, Corsica**  
 September 9<sup>th</sup> to 13<sup>th</sup> 2024

**Workshop on Deployment of post-  
 quantum cryptography**  
 October 2<sup>nd</sup> to 11<sup>th</sup>, 2024

**Workshop on Emerging topics in  
 design and cryptanalysis of post-  
 quantum schemes**  
 November 4<sup>th</sup> to 8<sup>th</sup>, 2024

**Workshop on Quantum  
 technologies for cryptography**  
 December 3<sup>rd</sup> to 6<sup>th</sup>, 2024






Proposed by co-organizing IAS, the University would offer a 100% financial assistance to the participants of all sessions, and IAS is already strongly motivated to support this thematic research.


For more information and registration on <https://www.math.cnrs.fr/~delaram/>





Co-organizer for financial support: ANR-23-CE40-0018-01  
 Contact us: [DK1000@CUNY](mailto:DK1000@CUNY)

CCL is engaged in scientific research on the  
 CCL program: "Algebraic Cryptography"  
 ANR-23-CE40-0018-01

Mathematical Institute



URL of the page: <https://www.ihp.fr/en/news-research-activities/t3-2024-post-quantum-algebraic-cryptography-0>

### Organisers:

Delaram Kahrobaei, Ludovic Perret, Jean-Charles Faugere, Vladimir Shpilrain

### Administrative, financial and logistic organisation:

Florence DA SILVA

Contact : PQACrypt2024@ihp.fr

### Scientific programme:

Detailed programme: <https://indico.math.cnrs.fr/category/410/>

IES Cargèse Introductory School (Corsica) :

- September 9th to 13th, 2024

Conférences :

- October 7th to 11th, 2024 : [Deployment of Post-quantum Cryptography \(IHP, Paris\).](#)
- November 4th to 8th, 2024: [Emerging topics in design and cryptanalysis of post-quantum schemes \(IHP, Paris\).](#)
- December 2nd to 6th, 2024: [Quantum technologies for Cryptography \(IHP, Paris\).](#)

*Registration on:*

**<https://indico.math.cnrs.fr/event/8112/>**

*Financial support requests are now closed.*



### **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.