



ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI

Facultatea de Cibernetica, Statistica si Informatica Economica

Language **română (România)** ▼

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Cryptography summer school

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The University of Bristol in collaboration with the Romanian Academy of Science and the University of Bucharest, and with the support of the FP7 EU project PRACTICE organizes of a summer school of cryptography. **The registration deadline is 10th May 2014.**

Programme

More detalis on <http://www.cs.bris.ac.uk/cryptosummerschool/>

Aims, audience, and prerequisites

The school aims to introduce the participants to the principles of modern cryptography as applied to the most basic primitives. The target audience are top undergraduate and graduate students, early career researchers, as well as security professionals with an interest in cryptography. While no specific prior knowledge on cryptography is required, the participants are expected to be familiar with basic algebra and probability theory. The accepted participants may be required to study in advance some background materials

Topics and format

The school cover foundations for hash functions, symmetric and asymmetric encryption, message authentication codes, and digital signatures. Some more advanced topics will cover cryptography based on lattices and bilinear pairings. Each topic will have allocated a couple of lectures and a problem class.

Lecturers

- Dario Catalano (University of Catania, Italy)
- Vadim Lyubachevsky (Ecole Normale Supérieure, France)

- Marc Fischlin (Darmstadt University, Germany)
- Gregory Neven (IBM Research - Zurich, Switzerland)
- Tom Ristenpart (University of Wisconsin, U.S.)
- Tom Shrimpton (Portland University, U.S.)

Scientific committee

- Bogdan Groza (University Polytechnica Timisoara)
- Ferucio Tiplea (University of Iasi)
- Bogdan Warinschi (University of Bristol)

Organizing Committee

- Radu Gramatovici
- Gheorghe Stefanescu

Registration

To ensure an interactive learning environment, the number of places is limited. Interested participants are invited to submit their application by email to cryptosummerschool@gmail.com. The application should include a brief CV (at most two A4 pages) and a statement of interest (at most one A4 page).

In addition please ask for a recommendation letter to be sent to the same email address; the subject line for both the application and the recommendation letter should include your name. Applications are accepted until **10th of May 2014**; since places are limited early applications are strongly encouraged. A limited number of scholarships that cover participation and accommodation fees are also available. For any further inquiries, please send email to the same address.

Location

The school will be held in Bucharest at a location to be determined soon.



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