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# The 10th International Workshop on Coding and Cryptography WCC 2017

Saint-Petersburg, Russia, September 18–22, 2017

<http://wcc2017.suai.ru/>

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## ANNOUNCEMENT AND CALL FOR PAPERS

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### Organizing committee:

- Pierre Loidreau (**co-chair**, DGA, U. Rennes 1, France)
- Evgeny Krouk (**co-chair**, SUAI, Russia)
- Veronika Prokhorova (SUAI, Russia)
- Evgeny Bakin (SUAI, Russia)

### Local organization:

- Oksana Novikova
  - Maria Shelest
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### Invited Speakers:

- Alexander Barg (U. Maryland, USA)
  - Claude Carlet (U. Paris 8 and Paris 13, France)
  - Camilla Hollanti (Aalto U., Finland)
  - Grigory Kabatiansky (Skoltech and IITP RAS, Moscow, Russia)
  - Patric Östergård (Aalto U., Finland)
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This is the tenth in the series of biannual workshops Coding and Cryptography. It is organized by INRIA, SUAI and Skoltech and will be held in the main building of SUAI (<http://suai.ru/>), Saint-Petersburg, Russia.

**Conference Themes.** Our aim is to bring together researchers in all aspects of coding theory, cryptography and related areas, theoretical or applied.

### Topics include, but are not limited to:

- coding theory: error-correcting codes, decoding algorithms, related combinatorial problems;
- algorithmic aspects of cryptology: symmetric cryptology, public-key cryptography, cryptanalysis;
- discrete mathematics and algorithmic tools related to these two areas, such as: Boolean functions, sequences, finite fields, related algebraic systems.

**Submissions.** Those wishing to contribute a talk are invited to submit a 6-10 page extended abstract, before April 6, 2017 (23:59 Greenwich). The submission server is now open, information on the submission process is available at <http://wcc2017.suai.ru/submission.html>.

**Full papers.** After the conference, authors of accepted abstracts will be invited to submit a full paper for the proceedings to appear as a special issue of the journal "Designs Codes and Cryptography". Contributions will be thoroughly refereed.

### Important dates (for extended abstracts):

- **Submission by April 6, 2017**
  - **Notification by May 24, 2017**
  - **Final version by June 26, 2017**
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### Program committee:

- Daniel Augot (**co-chair**, INRIA, France)
- Delphine Boucher (U. Rennes 1, France)
- Lilya Budaghyan (U. Bergen, Norway)
- Eimear Byrne (UC Dublin, Ireland)
- Pascale Charpin (INRIA, France)
- Alain Couvreur (INRIA, France)
- Ilia Dumer (UC Riverside, USA)
- Tuvia Etzion (CSD Technion, Israel)
- Markus Grassl (MPL Erlangen, Germany)
- Tor Hellesteth (U. Bergen, Norway)
- Thomas Honold (U. Zhejiang, China)
- Thomas Johansson (Lund U., Sweden)
- Gohar Khyureghan (U. Magdeburg, Germany)
- Ivan Landjev (NBU Sofia, Bulgaria)
- Subhamoy Maitra (ISI Kolkata, India)
- Ryutaroh Matsumoto (Tokyo Tech., Japan)
- Gary McGuire (UC Dublin, Ireland)
- Sihem Mesnager (U. Paris 8 and Paris 13, France)
- Marine Minier (INSA-Lyon, France)
- Kaisa Nyberg (AU Helsinki, Finland)
- Ayoub Otmani (U. Rouen-Normandie, France)
- Ferruh Ozbudak (METU Ankara, Turkey)
- Kevin Phelps (AU Auburn, USA)
- Alexander Pott (U. Magdeburg, Germany)
- Josep Rifa (UA Barcelona, Spain)
- Palash Sarkar (ISI Kolkata, India)
- Natalia Shekhunova (SUAI St.Petersburg, Russia)
- Vladimir Sidorenko (TU Munich, Germany)
- Faina I. Solov'eva (**co-chair**, IM Sobolev, Russia)
- Jean-Pierre Tillich (INRIA, France)
- Alev Topuzoğlu (Sabanci U. Istanbul, Turkey)
- Peter Trifonov (PU St.Petersburg, Russia)
- Michail Tsfasman (CNRS and IITP RAS, Marseille, France)
- Serge Vladuts (Aix-Marseille U. and IITP RAS, France)
- Arne Winterhof (Austrian Acad. of Sc., Linz)
- Gilles Zémor (U. Bordeaux, France)
- Victor Zinoviev (IITP RAS, Moscow, Russia)
- Victor Zyablov (IITP RAS, Moscow, Russia)