

ICITS 2011

5th International Conference on Information Theoretic Security

Amsterdam, The Netherlands

May 21 - 24, 2011

Call for Papers

This is the fifth conference in a series of conferences that aims to bring together the leading researchers in the areas of information theory, quantum information theory, and cryptology. Original papers on all technical aspects of information-theoretic and quantum information-theoretic security are solicited for submission to ICITS 2011. Topics of interest include (but are not restricted to):

Unconditional security	Secret sharing & MPC	Cryptography from noisy channels
Quantum cryptography	Bounded storage model	Quantum information theory
Authentication codes	Oblivious transfer	Information-theoretic reductions
Randomness extraction	Non-locality & non-signaling	Secret-key rates
Codes and cryptography	(Quantum) coin tossing	New physical models

Important Dates

Submission deadline:	Dec 10, 2010	Proceedings version:	Mar 4, 2011
Decision notification:	Feb 11, 2011	Conference:	May 21-24, 2011

Note: The conference takes place right after Eurocrypt 2011 (May 15-19 in Tallinn, Estonia).

Program Committee

Amos Beimel <i>Ben-Gurion University, Israel</i>	Jesper Buus Nielsen <i>Aarhus University, Denmark</i>
Nishanth Chandran <i>UCLA, USA</i>	Carles Padró <i>UPC Barcelona, Spain</i>
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Vipul Goyal <i>Microsoft Research, India</i>	Tamir Tassa <i>The Open University, Israel</i>
Maria Isabel González <i>Univ Rey Juan Carlos, Spain</i>	Dominique Unruh <i>Saarland University, Germany</i>
Kaoru Kurosawa <i>Ibaraki University, Japan</i>	Daniel Wichs <i>New York University, USA</i>
Eyal Kushilevitz <i>Technion, Israel</i>	Jürg Wullschleger <i>University of Bristol, UK</i>
Keith Martin <i>Royal Holloway, UK</i>	

Conference Organization

General chairs:	Ronald Cramer <i>CWI & Leiden University, The Netherlands</i>
	Krzysztof Pietrzak <i>CWI, The Netherlands</i>
Program chair:	Serge Fehr <i>CWI, The Netherlands</i>

Instructions for Authors

Submissions must not substantially duplicate work that any of the authors has published elsewhere or has submitted in parallel to a journal or any other conference/workshop that has proceedings. The submission must be anonymous, with no author names, affiliations, or obvious references. The length of the submission must be at most 12 pages excluding bibliography and appendices. The text must be in a single column format, use at least 11-point fonts, and have reasonable margins. The submission should begin with a title and a short abstract. The introduction should summarize the contributions of the paper at a level appropriate for a non-specialist reader. Committee members are not required to read appendices; the paper should be intelligible without them. Submissions should preferably be in PDF format (pdf file), although PostScript (ps file) will also be allowed. There is no restriction on program committee member submissions. Instructions on how to submit will be provided on www.cwi.nl/ICITS2011.

Proceedings

Conference proceedings will be published by Springer in the Lecture Notes in Computer Science series and will be available at the conference.

Venue

Amsterdam is one of the greatest small cities in the world. With its impressive architecture, picturesque canals that criss cross the city, world-famous museums and historical sights, great shopping, and easygoing people who nearly all speak English well, Amsterdam is one of the most interesting and beautiful cities in Europe. Amsterdam is also a city of tolerance and diversity, and there is something for everyone's taste, whether you prefer culture and history, serious partying, or just the relaxing charm of an old European city. The conference will take place at CWI and at the Trippenhuis. CWI is the national research center for mathematics and computer science in the Netherlands and is part of the Science Park Amsterdam, which houses several highly reputed research labs and parts of the University of Amsterdam. The Trippenhuis is a beautiful historic building at the heart of Amsterdam and the seat of the Royal Netherlands Academy of Arts and Sciences. Its rooms, corridors and stairwells had been richly decorated by the great painters working in Amsterdam at the time, and many of these ornaments have been preserved over the centuries and still decorate the interior.

Steering Committee

Carlo Blundo *University of Salerno, Italy*

Gilles Brassard *University of Montreal, Canada*

Ronald Cramer *CWI & Leiden Univ, Netherlands*

Yvo Desmedt (chair) *Univ College London, UK*

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