



CONSOB in collaboration with De Cifris
organised



CIFRIS23

FIRST NATIONAL CRYPTOGRAPHY CONGRESS

CONSOB Auditorium – Via C. Monteverdi 35, Rome

Thursday, 14 December 2023

Institutional Session (10:00–13:00 CET)

Welcome address

Paolo SAVONA, CONSOB

Massimiliano SALA, De Cifris

Roundtable

Moderator: Francesca MEDDA, CONSOB

Paolo ACETO, Arma dei Carabinieri

Pietro BIANCHI, Guardia di Finanza

Bruno FRATTASI, Agenzia Cybersicurezza Nazionale

Ivano GABRIELLI, Ministero degli Interni

De Cifris Partners

Invited talk

Massimo GIULIETTI, Università di Perugia

Scientific Session I (14:30–19:00 CET)

Mini-session 1: Keynote speech

Antoine JOUX, CISPA

Winner of the Goedel prize

Mini-session 2: Number theory and cryptography

Mini-session 3: Between theory and practice

Distinguished speakers from: Università di Perugia,
Università di Trento, Budapest University of Technology
and Economics, École normale Supérieure, Norwegian
University of Science and Technology, University of
Szeged, Osaka University, Yokohama National University,
University of Toronto, Jump Crypto

Friday, 15 December 2023

Parallel workshop Sessions (09:00–13:30 CET)

Session 1

- Synthetic Data, Cybersecurity and Finance
European Commission, Banca d'Italia, CONSOB,
University of Oxford
- CBDCs and Asset Tokenization
CONSOB, University of Stirling, LUISS University

Session 2

- Post-Quantum Cryptography
Università Politecnica delle Marche, Università di Trento
- Topics in Applied Cryptography
Fondazione Bruno Kessler, Dyne.org Foundation

Session 3

- Privacy-preserving Machine Learning
Banca d'Italia, Università di Roma Tre
- Group-Based Cryptography
Università dell'Aquila, Università di Salerno

Scientific Session II (14:30–18:30 CET)

Mini-session 4: Keynote speech

Svetla PETKOVA-NIKOVA, KUL Leuven

Research Manager in cryptography and coding theory

Mini-session 5: Boolean functions and symmetric cryptography

Mini-session 6: Cloud encryption

Distinguished speakers from: Consiglio Nazionale delle
Ricerche, Fondazione Bruno Kessler, Università dell'Aquila,
Università di Genova, Università di Roma Tre, Università
di Trento, Centre National de la Recherche Scientifique,
Institut National des Sciences Appliquées, Norwegian
Computing Centre, Université de Lorraine