



Topics

- **Theory:** structure of finite fields, normal bases, primitive elements, polynomials, number-theoretic aspects of finite fields, character sums, APN functions, function fields.
- **Computation:** algorithms and complexity, polynomial factorization, decomposition and irreducibility testing, sequences and functions.
- **Applications:** cryptography, algebraic coding theory, designs, combinatorics, algebraic geometry over finite fields, finite incidence geometry, quantum information science.

Plenary Speakers

- Massimo Giulietti
- Daniel Katz
- Kristin Lauter
- Alev Topuzoğlu
- Qiang Wang
- Julia Wolf
- Chao Ping Xing

Venue

The conference will take place at Hotel Serapo in Gaeta, Italy, during the week of June 4-10, 2017.

Scientific Committee

Anne Canteaut – Gove Effinger – Sophie Huczynska – Guglielmo Lunardon
Gary Mullen – Harald Niederreiter – Daniel Panario – Alexander Pott
Massimiliano Sala – Henning Stichtenoth – Leo Storme



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