Monday August 29
8.30 -- 9.20: Registration
9.20 -- 9.30: Opening of the conference
9.30 -- 10.30: Invited talk: Lilya Budaghyan, University of Bergen, Norway
10.30 -- 11.00: Coffee break
11.00 -- 12.30: Session I: Irreducible Polynomials & Bent Functions
  • 11.00 -- 11.30: Andrea Ferraguti and Giacomo Micheli, On a conjecture on irreducible polynomials over finite fields with restricted coefficients
  • 11.30 -- 12.00: Xi Xie, Bing Chen, Nian Li and Xiangyong Zeng, New classes of bent functions via the switching method

12.00 -- 14.30: Lunch break
14.30 -- 15.30: Session II: Coding Theory
  • 14.30 -- 15.00: Ziling Heng and Xiaoru Li, Near MDS codes with dimension 4 and their application in locally recoverable codes
  • 15.00 -- 15.30: Yue Zhao, Chunming Tang and Yanfeng Qi, The Projective General Linear Group PGL(2, 5m) and Linear Codes of Length 5m + 1

Tuesday August 30
10.30 -- 11.00: Coffee break
11.00 -- 12.30: Session III: PIR Codes
  • 11.00 -- 11.30: Massimo Giulietti, Arianna Sabatini and Marco Timpanella, PIR codes from combinatorial structures
  • 11.30 -- 12.00: Henk D.L. Hollmann and Urmas Luhaäär, Optimal possibly nonlinear 3-PIR codes of small size

12.00 -- 14.30: Lunch break
14.30 -- 15.30: Session IV: Applications of Polynomials
  • 14.30 -- 15.00: Canberk Irimagzi and Ferruh Ozbudak, On two applications of polynomials \$x^k-cx-d\$ over finite fields and more
  • 15.00 -- 15.30: Bastien Pacifco, Stephane Ballet and Alexis Bonnecaze, Polynomial Constructions of Chudnovsky-type algorithms for multiplication in finite fields with linear bilinear complexity

15.30 -- 16.00: Coffee break

Wednesday August 31
9.30 -- 10.30: Invited talk: Cunsheng Ding, University of Hong-Kong, Hong-Kong
10.30 -- 11.00: Coffee break
11.00 -- 12.30: Session V: Cryptography
11.00 -- 11.30: Nadia El Mrabet, Fouotsa Emmanuel, Loubna Ghammam and Nicolas Méloni, New Versions of Miller-loop Secured against Side-Channel Attacks
11.30 -- 12.00: Shohei Satake, Yujie Gu and Kouichi Sakurai, Explicit Non-Malleable Codes from Bipartite Graphs

12.00 -- 14.30: Lunch break

14.30 -- 16.00: Session VI: Sequences

14.30 -- 15.00: Fuqing Sun, Qin Yue and Xia Li, on the 2-adic complexity of cyclotomic binary sequences with period $p^2$ and $2p^2$
15.00 -- 15.30: Vladimir Edemskiy and Chenhuang Wu, Linear complexity of generalized cyclotomic sequences with period $p^nq^m$

15.30 -- 16.00: Coffee break

19.00 Conference dinner

Thursday September 1
9.30 -- 10.30: Invited talk: Sylvain Duquesne, University of Rennes 1, France

10.30 -- 11.00: Coffee break

11.00 -- 12.30: Session VII: Coding Theory and Applications

11.00 -- 11.30: Zhao Hu, Bing Chen, Nian Li and Xiangyong Zeng, Two classes of optimal few-weight codes over $\mathbb{F}_q + u\mathbb{F}_q$
11.30 -- 12.00: Seyma Bodur, Edgar Martinez-Moro and Diego Ruano, Private Information Retrieval Schemes Using Cyclic Codes

12.00 -- 14.30: Lunch break

14.30 -- 15.30: Session VIII: Algebraic Modeling and Cryptography

14.30 -- 15.00: Hao Guo and Jintai Ding, Algebraic Relation of Three MinRank Algebraic Modelings
15.00 -- 15.30: Cetin Koc, S. C. Oliva Madrigal, Gokay Saldamli, Chen Li, Yue Geng, Tian Jing and Zhongfong Wang, Reduction-free Multiplication for Finite Fields and Polynomial Rings

15.30 -- 16.00: Coffee break

Friday September 2
10.30 -- 11.00: Coffee break

11.00 -- 12.30: Session IX: Sequences, Cryptography & Curves on Finite Fields

11.00 -- 11.30: Haode Yan, Ziyong Zhang and Zhengchun Zhou, A Class of Power Mappings with Low Boomerang Uniformity
11.30 -- 12.00: Domingo Gomez-Perez, Andrew Tirkel and Ana I. Gomez, Correlation measure of binary sequence families with trace representation
12.00 -- 12.30: Ryo Ohashi, Momonari Kudo and Shushi Harashita, Fast enumeration of superspecial hyperelliptic curves of genus four with automorphism group V4
12.30 -- 14.30: Lunch break

14.30 -- 14.40: Closing ceremony

14.40 -- 15.30: Farewell drinks