

## Preliminary technical program

### Monday

Breakfast

10-11.15 Invited: L. M. G. M. Tolhuizen, *Unequal Error Protection codes: an overview and some new results*

Break

11.30-12.15 J. Rifà, V. Zinoviev, *On the Kronecker product construction of completely regular  $q$ -ary codes.*

12.15-13.00 G. Cohen, H. Randriam, G. Zémor, *Witness sets*

Break

13.15-14.00 J. G. Knudsen, C. Riera, M. G. Parker, E. Rosnes, *Adaptive Soft Decision Iterative Decoding Using Edge Local Complementations*

14.00 Lunch

16.00-17.15 Invited: T. Høholdt, *Codes from expander graphs*

Break

17.30-18.15 C. Fernández-Córdoba, J. Pujol, M. Villanueva, *On rank and kernel of  $Z_4$ -linear codes.*

18.15-19.00 I. Mogilnykh, *Perfect 2-colorings of Johnson graphs  $J(6,3)$  and  $J(7,3)$*

### Tuesday

Breakfast

10-11.15 A. Campillo, *Curves with only one branch at infinity. Applications to Coding Theory*

Break

11.30-12.15 C. Munuera, G. C. Tizziotti, F. Torres, *Two-point codes on Norm-Trace curves*

12.15-13.00 P. Beelen and T. Høholdt, *A syndrome formulation of the interpolation step in the Guruswami-Sudan algorithm*

Break

13.15-14.00 C. Munuera, A. Sepúlveda, F. Torres, *Algebraic geometry codes from Castle curves*

14:00 Lunch

16.00-17.15 Invited: E. Soljanin, *Network coding for distributed storage*

Break

17.30-18.15 M. Ravanbakhsh, M. M. Hassanzadeh, D. Haugland, *Wiretapping Based on Node Corruption over Secure Network Coding: Analysis and Optimization*

Evening

[Medieval dinner](#)

### Wednesday

Breakfast

10-11.15 Invited: S. González, C. Martínez, A. P. Nicolás, *Classic and quantum error-correcting codes*

Break

11.30-13.00 Invited: M. G. Parker, *Close encounters with Boolean functions of three different kinds*

Break

13.15-14.00 A. Granados, M. Cebrián, D. Camacho, F. B. Rodríguez, *Evaluating the Impact of Information Distortion on Normalized Compression Distance*

14.00 Lunch

Afternoon off

### Thursday

Breakfast

10-11.15 Invited: Ø. Ytrehus, *Communication on Inductively Coupled Channels: Overview and Challenges*

Break

11.30-12.15 J. J. Bernal, Á. del Río, J. J. Simón, *How to know if a linear code is a group code?*

12.15-13.00 C. A. López-Andrade, H. Tapia-Recillas, *On the Quasi-Cyclicity of the Gray Map Image of a Class of Codes over Galois Rings*

Break

13.15-14.00 M. Kuijper, R. Pinto, *Minimal trellis construction for finite support convolutional ring codes*

14.00 Lunch

16.00-16.45 R. Ahlswede and F. Solov'eva, *A diametric theorem in  $Z^n_m$  for Lee and related distances*

16.45-17.30 B. Rodríguez, *Partial permutation decoding of some binary codes from graphs on triples*

### Friday

No program