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**Codes, Cryptology and Curves**  
**Celebrating the influence of R. Pellikaan**

## Preliminary Schedule

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**Thursday. March 7th, 2019**

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| 09:15–09:30 | <b>Opening</b>   |                        |
| 09:30–10:30 | <b>Inaugural lecture.</b>  | Peter Beelen           |
| 10:30–11:00 | <b>Break</b>   |                        |
| 11:00–11:30 | <b>Classification of linear codes using canonical augmentation.</b>      | I. Bouyukliev          |
| 11:30–12:00 | <b>Characteristic vector and weight distribution of a linear code.</b>   | S. Bouyuklieva         |
| 12:00–12:30 | <b>Isometry-Dual Flags of AG Codes.</b>                                  | M. Bras-Amorós         |
| 12:30–13:00 | <b>Codes and Singularities.</b>  | A. Campillo            |
| 13:00–14:00 | <b>Lunch</b>   |                        |
| 14:00–14:30 | <b>Improved constructions of quantum codes from the Hermitian curve.</b> | R.B. Christensen       |
| 14:30–15:00 | <b>Surjective Encodings to (Hyper)Elliptic curves over Finite Fields</b> | M. Fadavi              |
| 15:00–15:30 | <b>Computing Feng-Rao distances for AG codes.</b>                        | J.I. Farrán            |
| 15:30–16:00 | <b>Break</b>   |                        |
| 16:00–16:30 | <b>Quantum BCH and Reed-Solomon Entanglement-Assisted Codes.</b>         | F.R. Fernandes Pereira |
| 16:30–17:00 | <b>Exploring the order domain conditions.</b>                            | O. Geil                |
| 17:00–18:00 | <b>Codes, matroids, and their q-analogues</b>                            | R. Jurrius             |

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**Dinner**

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## Friday. March 8th, 2019

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| 09:30–10:00 | <b>Construction of self-dual matrix codes.</b>  | J.-L. Kim           |
| 10:00–10:30 | <b>On the construction of high dimensional affine codes whose square code has designed minimum distance</b> | I. Márquez-Corbella |
| 10:30–11:00 | <b>Hamming and Simplex Codes for the Sum-Rank Metric</b>  | U. Martínez-Peñas   |
| 11:00–11:30 | <b>Break</b>  |                     |
| 11:30–12:00 | <b>Vardøhus codes: Polar codes based on Castle curves.</b>  | E. Martínez-Moro    |
| 12:00–12:30 | <b>Twisted Hermitian codes in the McEliece cryptosystem.</b>  | G.L. Matthews       |
| 12:30–13:00 | <b>Locally Recoverable Algebraic Geometry codes.</b>  | C. Munuera          |
| 13:00–14:00 | <b>Lunch</b>  |                     |
| 14:00–14:30 | <b>A new <math>q</math>-polynomial approach to cyclic and quasi-cyclic codes.</b>                           | F. Özdemir          |
| 14:30–15:00 | <b>An extension of the Error Correcting Pairs algorithm</b>   | I. Panaccione       |
| 15:00–15:30 | <b>Reproducible Codes and Cryptographic Applications.</b>   | P. Santini          |
| 15:30–16:00 | <b>Farewell</b>   |                     |