

## Monday, June 27<sup>th</sup>

Time/Room	Gray Hall	D102
8:30	Registration	
9:25	Opening	
9:30	Andrea Švob, <i>Divisible design Cayley graphs and digraphs</i>	
10:30	Coffee break	
11:00	Gábor Péter Nagy, <i>Local modifications of 2-designs: theory and implementation (Part 1)</i>	
12:00	Break	
12:10	Marco Buratti, <i>On harmonious linear spaces</i>	Jelena Sedlar, <i>On the locally irregular edge colorings of graphs</i>
12:30	Francesca Merola, <i>Equitably 2-colourable cycle system</i>	Suzana Antunović, <i>Detecting communities under constraints in directed acyclic networks</i>
12:50	Simona Bonvicini, <i>Even cycle decompositions of 4-regular graphs</i>	Marija Maksimović, <i>New regular two-graphs on 38 and 42 vertices</i>
13:10	Lunch (Black Hall)	
14:30	Gábor Péter Nagy, <i>Local modifications of 2-designs: theory and implementation (Part 2)</i>	
15:30	Coffee break	
16:00	Petr Lisoněk, <i>Combinatorial structures arising from sharply 2- and 3-transitive groups</i>	Adrian Beker, <i>A generalisation of the Alon-Yuster 123 Theorem</i>
16:20	Alessandro Montinaro, <i>Flag-transitive, point-imprimitive symmetric 2-designs</i>	John R. Schmitt, <i>Higher Degree Davenport Constants Over Finite Commutative Rings</i>
16:40	Biserka Kolarec, <i>Equidistant walks to infinit</i>	Rudi Mrazović, <i>One-point concentration of the clique and chromatic numbers of the random Cayley graph on <math>\mathbf{F}_2^n</math></i>
18:30	We walk together from the main entrance of FER (optional)	
19:00	<b>City tour</b> from starting from: Tomićeva ulica 4, Zagreb	
21:00	Free open-air concert in a park: Zagreb Classic. Nino Rota & Ennio Morricone: The most beautiful film music. Address: Trg kralja Tomislava (Main Train Station, 10 min walk from FER)	

**Tuesday, June 28<sup>th</sup>**

Time/Room	Gray Hall	D102
9:30	Anita Pasotti, <i>Heffter arrays: origins, variants and applications</i>	
10:30	Coffee break	
11:00	Alfred Wassermann, <i>Construction of <math>q</math>-analogues of combinatorial objects with prescribed symmetries</i> (Part 1)	
12:00	Break	
12:10	Lorenzo Mella, <i>Constructions of globally simple relative non-zero sum Heffter arrays and biembedding</i>	Daniel Hawtin, <i>Neighbour-transitive codes in generalised quadrangles</i>
12:30	Simone Costa, <i>Biembeddings of Archdeacon type and their full automorphism group</i>	Matteo Mravić, <i>The search algorithm for extremal <math>\mathbb{Z}_4</math>-codes</i>
12:50	Mariusz Meszka, <i>Maximal partial Room square</i>	Dominik Hollý, <i>Constructing binary quasi-cyclic codes of index 2 from a pair of cyclic codes</i>
13:10	Lunch (Black Hall)	
14:30	Alfred Wassermann, <i>Construction of <math>q</math>-analogues of combinatorial objects with prescribed symmetries</i> (Part 2)	
15:30	Coffee break	
16:00	Ismael G. Yero, <i>On vertices belonging to all strong metric bases of a unicyclic graph</i>	Valentino Smaldore, <i>On a graph isomorphic to <math>NO^+(6, 2)</math></i>
16:20	Dorota Kuziak, <i>On the outer multiset dimension of graphs</i>	Silvia M.C. Pagani, <i>Ghostbusters in <math>PG(2, q)</math></i>
16:40	J. Carlos Valenzuela-Tripodorok, <i>On the <math>[k]</math>-multiple Roman domination in graph</i>	Harald Gropp, <i>On orbital matrices, existence and enumeration</i>
19:30	We walk together from the main entrance of FER (optional)	
20:00	Conference dinner at restaurant "Kod Pere". Address: Ulica Cvjetka Rubetića 25, Zagreb	

**Wednesday, June 29<sup>th</sup>**

Time/Room	Gray Hall	D102
9:30	Valentina Pepe, <i>Some geometric aspects of extremal graphs</i>	
10:30	Coffee break	
11:00	Raúl Manuel Falcón Ganformina: <i>Symmetries of partial Latin rectangles: Fundamentals and applications</i> (Part 1)	
12:00	Break	
12:10	Raúl Manuel Falcón Ganformina: <i>Symmetries of partial Latin rectangles: Fundamentals and applications</i> (Part 2)	
13:10	Lunch (Gallery to the left of D1)	
14:30	Dean Crnković, <i>Switching for 2-designs and Hadamard matrices</i>	Vincenzo Pallozzi Lavorante, <i>A general construction of permutation polynomials</i>
14:50	Giovanni Falcone, <i>Extension theory for Steiner triple systems</i>	Marcella Takáts
15:10	Tommaso Traetta, <i>Row-sum matrices</i>	Tamás Héger, <i>Minimal codes, strong blocking sets and higgledy-piggledy lines</i>
15:30	Coffee break	
16:00	Morgan Rodgers, <i>Cameron–Liebler line classes admitting large cyclic groups</i>	Nikola Jedličková, <i>List Homomorphism Problems for Signed Graphs: Irreflexive graphs</i>
16:20	Maarten De Boeck, <i>Cameron-Liebler sets for hyperbolic quadrics</i>	Jan Bok, <i>List Homomorphism Problems for Signed Graphs: A Dichotomy for Trees</i>
16:40	Vedran Krčadinac, <i>Lacing designs in PAG</i>	
17:00	End of the workshop	
21:00	Free open-air concert: Zagreb Classic. Cameristi della Scala & Francesco Manara. Address: Trg kralja Tomislava (Main Train Station, 10 min walk from FER) <a href="http://ww.infozagreb.hr/dogadanja/zagreb-classic/cameristi-della-scala-francescomanara">ww.infozagreb.hr/dogadanja/zagreb-classic/cameristi-della-scala-francescomanara</a>	