

# THURSDAY,

9th Slovenian International Conference  
on Graph Theory

	<b>Rikli balance hotel Arnold Hall (all plenary talks of the day)</b>
09:00	<b>JÁNOS PACH:</b> <i>Many Pairwise Crossing Edges</i>
09:55	<b>CHERYL E. PRAEGER:</b> <i>Limited geodesic transitivity for finite regular graphs</i>

10:45 ~~Coffee (Hotel Kompas)~~ **CONF. PHOTO** **Bill MARTIN: Dist-regular**

	<b>Rikli balance hotel Arnold Hall</b>	<b>Hotel Kompas Jezerska Hall</b>	<b>Hotel Kompas Triglavska+Grajska Hall</b>	<b>Hotel Lovca Panorama I</b>	<b>Hotel Lovca Panorama II</b>	<b>Hotel Kompas Blejska Hall</b>
	<b>SYMMETRIES OF G&amp;M</b>	<b>GRAPH COLORING</b>	<b>SPECTRAL GT</b>	<b>METRIC GT</b>	<b>FINITE GEOMETRIES</b>	<b>CONFIGURATIONS</b>
11:15	A. BREDÁ D'AZEVEDO: Regular bi-oriented maps of negative prime characteristic	J. BARÁT: Decomposition of cubic graphs related to Wegner's conjecture	<del>V. ŽAMPICH: The Structure of ...</del>	T. LAIHONEN: On Resolving Several Vertices in a Graph	S. BALL: Maximum Distance Separable Codes: Recent advances and applications	G. GÉVAY: Exotic configurations
11:35	T. DOBSON: Every 2-closed group of degree $qp^2$ has a semiregular element	<del>...</del>	P. RAMA: Spectral and comb. properties of lexicographic polynomials of graphs	M. MORA: $k$ -Fault-tolerant resolving sets in graphs	M. LAVRAUW: MDS codes arcs and tensors	M. RANEY: Trilateral matroids
11:55	M. TOLEDO: Cubic graphs with long orbits	E. DRGAS-BURCHARDT: Consecutive colouring of oriented graphs	S.J. PINHEIRO: Erdős-Gallai type results on weighted degree sequences of graphs	E. YI: The fractional $k$ -metric dimension of graphs	G. MARINO: Subspace code constructions	J. KOVIČ: Platonic configurations

Hotel Kompas Jezerska Hall	
09:00	ZSOLT TUZA: Parity colorings in graphs and hypergraphs

**FRIDAY, June 28**  
 9th Slovenian International Conference  
 on Graph Theory, Bled 2019

	Hotel Kompas Jezerska Hall	Hotel Kompas Triglavska+Grajska Hall	Hotel Lovec Panorama I	Hotel Lovec Panorama II	Hotel Kompas Blejska Hall	Hotel Kompas Rikljijska Hall
	<b>SYMMETRIES OF G&amp;M</b>	<b>SPECTRAL GT</b>	<b>METRIC GT</b>	<b>CONFIGURATIONS</b>	<b>BIOMATH &amp; BIOINF</b>	<b>CHEMICAL GT</b>
09:55	R. NEDELA: Reductions of maps preserving the isomorphism relation I	J. WANG: On graphs whose spectral radius does not exceed the Hoffman limit value	D. KUZIĄK: Metric and strong metric dimensions of direct product graphs	T. PISANSKI: The remarkable rhombic dodecahedron graph	L. HERBST: Trees on scales -- measures of balance for rooted binary trees	B. FURTULA: Novel method for measuring sensitivity of topol. descriptors on structural changes
10:15	P. ZEMAN: Reductions of maps preserving the isomorphism relation II	F. BELARDO: On some recent results of Slobodan K. Simić (1948-2019)	R. SIMANJUNTAK: Centroidal dimensions of product graphs	K. STOKES: Dualities, trialities, configurations and graphs	C.R. SEEMANN: The Matroid Structure of Repr. Triple Sets and Triple-Closure Computation	J. WANG: Median eigenvalues and HOMO-LUMO index of graphs

10:35 Coffee (Hotel Kompas)

	SYMMETRIES OF G&M	ASSOCIATION SCHEMES	DOMINATION IN GRAPHS	CONFIGURATIONS	BIOMATH & BIOINF	CHEMICAL GT
11:00	M. CONDER: Observations and answers to questions about edge-transitive maps	H. BLAU: Nilpotent commutative standard integral table algebras of order $p^3$	P. DORBEC: Reconfiguring and enumerating dominating sets.	L. BERMAN: Eventually, 5-configurations exist for all n	K. WICKE: Phylogenetics meets classic GT ... Hamiltonicity, GSP graphs and treebased networks	H. CHEN: The average Laplacian polynomial of a graph
11:20	G. A. JONES: Realisation of groups as automorphism groups of maps and hypermaps	A. HERMAN: Rationality for irreducible representations of ass. schemes of rank 6 and 7	M. A. HENNING: The independent domatic number and the total domatic number	J. BOKOWSKI: ... Symm. Polyh. Realizations without Self-Intersec. of Hurwitz's $RM(3,7)_{18}$ of Genus 7	A. FUJITA: Network Statistics on biological data analyses	J. SEDLAR: On combining Zagreb and Forgotten index to obtain better predictive power
11:40	R. G. MÖLLER: Infinite vertex-transitive graphs and their arc-types	I. PONOMARENKO: A characterization of some equivalenced ass. schemes	A. LAKSHMANAN S.: Double Roman Domination Number	M. SANIGA: Doily - A Gem of the Quantum Universe	S. ANTUNOVIČ: Exponential generalised network descriptors	N. TRATNIK: Computing Distance-Based Topological Indices from Quotient Graphs
12:00	B. FAIRBAIRN: Some non-Beauville groups: Why you should always pay attention.	M. MUZYCHUK: Non-commutative schemes of rank six and related objects	B. MARTÍNEZ-BARONA: Identifying codes in line digraphs	<del>M. SANIGA: Doily - A Gem of the Quantum Universe</del>	M.C. MOLINARI: Colored even cycle decompositions	P. ŽIGERT PLETERŠEK: Two topological indices applied on hydrocarbons

~~12:20 Lunch (on your own)~~ **13:45-14:35 DAN KRAL's Plenary Talk**

~~M. SANIGA: Doily - A Gem of the Quantum Universe~~  
**Nino BAŠIČ: Configs**

	SYMMETRIES OF G&M	GENERAL GT	GENERAL GT	GENERAL GT	GENERAL GT	FINITE GEOMETRIES
14:30 <sup>45</sup>	M. GIUDICI: Arc-transitive bicirculants	D. YE: Circuit Covers of Signed Graphs	S. BONVICINI: A variant of orthogonality for symmetric Latin squares	A. TYC: Z-knotted triangulations of surfaces	V. PALLOZZI LAVORANTE: AG codes from the second generalization of the GK maximal curve	B. CSAJBÓK: Generalising KM-arcs
15:05 <sup>14:50</sup>	C. KING: Edge-primitive 3-arc-transitive graphs	M. VIZER: On the Turán number of edge ordered graphs	M. ABREU: Orthogonal Array Configurations	M. PANKOV: Face z-monodromies in triangulations of surfaces	D. HAWTIN: s-Elusive Codes in Hamming Graphs	G. KISS: On resolving sets for the point-line incidence graph of $PG(n,q)$
15:10 <sup>25</sup>	A. MELEKOĞLU: Patterns of edge-transitive maps	C. XIAO: The Turán number of the square of a path	F. I. BECERRA LÓPEZ: Integer invar. of a graph manifold using Hirzenbruch-Jung cont. fractions...	M. KWIATKOWSKI: Tree structured z-knotted triangulations of a sphere	S. VELDSMAN: Congruences and subdirect representations of graphs	T. SZÓNYI: On the stability of Baer subplanes

15:30 Coffee (Hotel Kompas) SYMMETRIES OF G&M session continues in Hotel Kompas Jezerska Hall

16:15 <sup>16:00</sup>	M. MAČAJ: On external symmetries of Wilson maps	16:20 <sup>16:05</sup>	T. TUCKER: Surface Symmetry: Kulkarni Revisited	16:40 <sup>16:25</sup>	R. JAJCAY: Generalized Cayley maps
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*Mathematics is the music of reason*  
 ---- James J. Sylvester

**INT. ACADEMY OF MATH.  
 CHEMISTRY 2019**