Recent Trends in Graph Theory, Bled, Slovenia, 2001

Monday, 24th September

9:00 – 9:15	**Opening**
9:15 – 10:15	*C. Godsil:* Type II matrices
10:15 – 11:15	*N. Polat:* Dually compact closed classes of graphs
11:15 – 11:45	**Coffee break**

Session 1

11:45 – 12:15	*M. Kriesell:* Average degree and contractibility
12:15 – 12:45	*M. Kayll:* On constant-weight TSP tours

Session 2

11:45 – 12:15	*R. Škrekovski:* Tiled partial cubes
12:15 – 12:45	*B. Brešar:* Median-like classes: arboreal structure and cube graphs
12:45 – 14:15	**Lunch time**

Session 1

14:15 – 14:45	*J. Leydold:* Courant's Nodal Domain Theorem for graphs
14:45 – 15:15	*T. Biyikoglu:* The number of sign graphs of an eigenvector of a tree
15:20 – 15:40	*C. Meloni:* Simple bounds for the Minimum Dominating Trail Set problem
15:45 – 16:05	*E. Mwambene:* Groupoids and graphs
16:05 – 16:35	**Coffee break**
16:35 – 16:55	*B. Stadler:* Formal spaces underlying evolutionary change
17:00 – 17:20	*I. Abfalter:* Design of multi-stable nucleic acid sequences
17:25 – 17:45	*P. Gleiss:* Relevant U-path bases
17:50 – 18:10	*G. Fijavž:* Minor-minimal highly connected graphs on surfaces
18:10 – 18:30	*D. Moazzami:* Construction of graphs with maximum graphical structure and tenacity

Session 2

14:15 – 14:45	*K. Huber:* Can median networks help to find most parsimonious trees more efficiently?
14:45 – 15:15	*B. Zmazek:* The Behzad-Vizing conjecture and Cartesian product graphs
15:20 – 15:40	*Š. Miklavič:* Valency of distance-regular antipodal graphs with diameter 4
15:45 – 16:05	*M. Zaveršnik:* Cores decomposition of graphs
16:05 – 16:35	**Coffee break**
16:35 – 16:55	*P. Žigert:* Resonance graphs of catacondensed benzenoid graphs are median
17:00 – 17:20	*A. Lipovec:* Partial cubes as subdivision graphs and as generalized Petersen graphs
17:25 – 17:45	*P. Šparl:* A 2-local 4/3-competitive algorithm for multicoloring hexagonal graphs
17:50 – 18:10	*I. Peterin:* Distance in the direct product of graphs
18:30 –	**Get together party**

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Tuesday, 25th September

9:00 – 10:00	*W. Woess:* Growth-sensitivity of context-free languages
10:00 – 11:00	*V. Trofimov:* Vertex-symmetric graphs: associated van den Dries-Wilkie metric spaces and vertex stabilizers
11:00 – 11:30	**Coffee break**
11:30 – 12:00	*D. Marušič:* On 2-arc-transitive Cayley graphs of dihedral groups
12:00 – 12:30	*A. Malnič:* Lifting automorphisms: some recent results
12:30 – 14:00	**Lunch time**
14:00 –	**Excursion**

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Wednesday, 26th September: IMRICH DAY

9:00 – 9:15	*T. Pisanski:* Introducing our guest of honor
9:15 – 10:15	*W. Imrich:* Two of my favorite sets of problems
10:15 – 11:00	*S. Klavžar:* On my joint work with Wilfried Imrich
11:00 – 11:30	**Coffee break**
11:30 – 12:00	*H. Fleischner:* A concept of connectedness arising in logic
12:00 – 12:30	*G. Sabidussi:* Routings with uniform load in bipartite graphs
12:30 – 14:00	**Lunch time**
14:00 – 14:30	*T. Pisanski:* Representations of graphs and maps
14:30 – 15:00	*B. Mohar:* Coloring-flow duality for locally planar graphs
15:00 – 15:30	*P. Bonnington:* Trading crossings for handles and crosscaps
15:30 – 16:00	**Coffee break**
16:30 – 17:00	*J. Zaks:* Graph theoretical aspects of the rational version of the Beckman-Quarles statement
17:00 – 17:30	*N. Seifter:* Highly arc-transitive digraphs
17:30 – 18:00	*J. Žerovnik:* Weak reconstruction of strong product graphs
18:00 – 18:30	*P. Kirschenhofer:* Lattice paths and combinatorial diophantine equations
19:00 –	**Conference dinner (Kraljeva hiša restaurant)**

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Thursday, 27th September

9:00 – 10:00	*J. Nešetřil:* The coloring order
10:00 – 11:00	*M. Plummer:* On a special case of Hadwiger's Conjecture
11:00 – 11:30	**Coffee break**
11:30 – 12:00	*M. Mulder:* Signpost systems and their underlying graphs
12:00 – 12:30	*P. Stadler:* Minimal cycle bases
12:30 – 14:00	**Lunch time**
14:00 – 14:30	*A. Lukács:* Finite contractions of graphs with polynomial growth
14:30 – 15:00	*M. Chastand:* Fiber-complemented graphs: isometric embeddings, retractions
15:00 – 15:30	*A. Vesel:* Computer search of graph invariants in products with cycles
15:30 – 16:00	*D. Rall:* On bounds for dominating Cartesian products