Famnit weekly workshop From May 4th 2020: Most relevant to me:

a. Pisanski May 4th 2020 Signed graphs
b. Marston Conder (University of Auckland, New Zealand) 5th May 2020

The smallest symmetric cubic graphs with given group action type

c. Žiga Velkavrh (UP FAMNIT and UP IAM, Koper, Slovenia)

Market makers, information, and bid-ask spread in game theory
d. Tomaž Pisanski (UP FAMNIT and UL FMF).

Flexible geometric configurations
e. ANDREA MUNARO (Queen's University, Belfast, United Kingdom).

Title: Width parameters and graph classes: the case of mim-width.
f. Micael Toledo (IMFM – UP FAMNIT).
Cubic vertex-transitive graphs admitting a group of automorphisms
with few orbits.

g. **Nina Klobas**,
Linear Time Recognition of Double Generalized Petersen Graphs and I-graphs

g.
h. Martin Milanić (UP FAMNIT)
Treewidth versus clique number in graph classes with a forbidden structure
i. Russ Woodroofe (UP FAMNIT)

Combinatorial shifting via limits of matrix actions

j. Lecturer: Isolde Adler (University of Leeds)

On the tree-width of even-hole-free graphs

k. Dragan Stevanović (Serbian Academy of Sciences and Arts)

On graphs with distinct vertex transmissions: a Topological Index

l. Peter Muršič (UP FAMNIT, Slovenia)

Strong cliques in diamond-free graphs.

m. Irena Penev (Charles University, Czech Republic)

Coloring certain even-hole-free graphs.

n. Nastja Cepak (UP IAM, Slovenia)

Post-Quantum Cryptography.

o. Lecturer: Amar Bapić (UP IAM, Slovenia)

Cryptographically significant mappings over $\mathbb{F}_2^n$.

p. Lecturer: René Rodríguez Aldama (UP FAMNIT, Slovenia)

Minimal linear codes: new constructions

q. Lecturer: Enes Pasalic (UP FAMNIT, Slovenia)

Boolean functions and their applications in cryptography

r. Sadmir Kudin (UP FAMNIT-IAM, Slovenia)

An Analysis of the C class of Bent cryptographically significant Functions

s. Michael Giudici (The University of Western Australia, Australia)

Bases for permutation groups and the Saxl graph

t. Alexander Lazar (KTH Royal Institute of Technology, Sweden)

Partition and Cohen-Macaulay Extenders in Algebraic and topological combinatorics.

u. Daniel Paulusma (Durham University, UK)

Contracting to a Longest Path in H-Free Graphs

(graph theory and algorithms, computational complexity and cooperative game theory.)

v. Slobodan Filipovski.

New bounds for the energy of graphs

w. Ted Dobson (UP FAMNIT, Slovenia)

Recognizing vertex-transitive digraphs which are wreath products, double coset digraphs, and generalized wreath products

(algebraic graph theory.)

x. Petr Golovach (Bergen University, Norway)

Paths and Cycles Above Combinatorial Bounds

(Graph theory, Algorithms on graphs, Complexity, Parameterized Complexity, Exact and Enumeration algorithms.)

y. Marc Hellmuth, Stockholm University, Sweden:

The Mathematics of Horizontal Gene Transfer and Fitch's Xenology Relation

[*Trends Genet.* **16** (2000) 227–231, doi:10.1016/s0168-9525(00)02005-9]

z.

aa. Francesca Scarabel (York University, Canada)

A renewal equation model for disease transmission dynamics with contact tracing

(numerical methods for the bifurcation analysis of delay equations for structured population models.)

bb. Peter F. Stadler, University of Leipzig, Germany:

Divergence Time Graphs

cc. Luke Morgan (UP FAMNIT)

Shuffling cards with groups

(group theory and algebraic graph theory.

dd. Safet Penjić (UP FAMNIT - UP IAM)

On a certain family of symmetric association schemes with d+1 classes

ee. Camino Balbuena (Polytechnic University of Catalonia)

“On the Moore cages with a prescribed girth pair”.

ff. experimental economics, game theory and mechanism design.

gg. Žiga Velkavrh (UP FAMNIT - UP IAM)

Selfish generosity: statistical estimation of strategies for indirect human reciprocity (experimental economics, game theory and mechanism design.)

hh. Daniel Merkle and Nikolai Nøjgaard, (University of Southern Denmark, Denmark)

Canonicalisation of Chemical Graphs and Non-Isomorphic 1-Face Embeddings

ii. Camino Balbuena (Universitat Politècnica de Catalunya, Spain)
And Cristina Dalfó (Universitat de Lleida, Igualada, Barcelona, Catalonia)

Celebrating Mirka Miller´s life. Webinar

jj. Vito Vitrih (UP FAMNIT - UP IAM)

Design and analysis with curves and surfaces

kk. **Prof. Tomislav Došlić** (University of Zagreb, Croatia, and Faculty of Information Studies, Novo Mesto, Slovenia)

Perfect packings of small graphs into classical and generalized fullerenes

ll. Dieter Rautenbach (Ulm University, Germany)

Distance-unbalancedness of trees

mm. Ana Grdović Gnip (UP FAMNIT)

All you need is political love? Assessing the effects of partisan favouritism in Croatia's public procurement

nn. Kenny Štorgel (UP FAMNIT and UNM FIS)

ℓ-Facial Edge-Coloring of Plane Graphs

oo. **Mikhael Muzychuk (Ben-Gurion University of the Negev, Israel)**
On Jordan Schemes

pp. **Dr. Vesna Andova** (Ss. Cyril and Methodius University, Macedonia) will be lecturing at the *Seminar in Biomathematics and Mathematical Chemistry.*
Thursday, April 22, 2021, at **18:00 (Central European Time)**

Distance based indices on nanotubical graphs

qq. Tomaž Pisanski (UP FAMNIT and UL FMF, Slovenia)

Embeddings of Action Graphs

rr. Slobodan Filipovski (UP FAMNIT, Slovenia)

On the clique number and Mantel/Turan theorems

ss. Blas Fernández (UP IAM, Slovenia)

On 2-Y-homogeneous and almost 2-Y-homogeneous distance-biregular graphs

tt. Matjaž Krnc (UP IAM, Slovenia)

Shifting any path to an avoidable one

uu. Michael Vyalyi (HSE, Russia)

Re-pairing brackets

vv. Besfort Shala (UP FAMNIT)

The Coset Lattice and he Probabilistic Zeta Function of a Finite Lattice

ww. Dragan Stevanović (Mathematical Institute of the Serbian Academy of Sciences and Arts, Serbia)

On circulant nut graphs

xx. Milad Ahanjidehi (Bogazici University, Turkey)

On intersecting sets of groups

xx. Sarobidy Razafimahatratra (University of Regina, Canada)

The Erdos-Ko-Rado theorem for transitive groups

yy. International Webinar in honour of Prof. László Lovász

file:///C:/Users/User/Downloads/International%20Webinar%20in%20honour%20of%20Lovasz%20(2).pdf

zz. structural and algorithmic graph theory, approximation algorithms, and optimization problems in communication networks.

aaa. Didem Gözüpek (Gebze Technical University, Turkey)

TRIANGLE-FREE EQUIMATCHABLE GRAPHS

(structural and algorithmic graph theory, approximation algorithms, and optimization problems in communication networks.)

bbb. Galina Filipuk (University of Warsaw, Poland)

ASPECTS OF NONLINEAR DIFFERENTIAL EQUATIONS

ccc. Prof. Dragan Stevanović (Mathematical Institute of the Serbian Academy of Sciences and Arts, Serbia).

Thursday, October 14, 2021, at 18:00 (Central European Time)

On Hosoya's dormants and sprouts

ddd. Yushi Uno (Osaka Prefecture University, Japan)

Gounds: a sliding-block puzzle with turning

Best Paper award at the 31st International Symposium on Algorithms and Computation (ISAAC 2020)