

2021 Symposium on Modern Graph Theory
Program (in Beijing Time)

Zoom meeting ID: 991 5956 9981

Zoom link: <https://uni-lj-si.zoom.us/j/99159569981>

Supported by

China-Slovenia bilateral project ``Some topics in modern graph theory''

The National Natural Science Foundation of China

Organizers:

Riste Škrekovski, University of Ljubljana & FIS (Novo mesto)

Erfang Shan, Shanghai University

Yongtang Shi, Nankai University

Qiang Sun, Yangzhou University

Section 1, Dec. 13, 2021

15: 20-15: 30 (8: 20-8: 30 in Slovenia Time)

Opening Ceremony

Chair: Qiang Sun, Yangzhou University

15: 30-16: 20 (8: 30-9: 20 in Slovenia Time)

Speaker: Xueliang Li, Nankai University

Title: Extremal problems for functional graphical indices and adjacency matrices

16: 30-17: 20 (9: 30-10: 20 in Slovenia Time)

Speaker: Riste Škrekovski, University of Ljubljana & FIS (Novo mesto)

Title: Some problems and results on Wiener index and related graph parameters

17: 30-18: 20 (10: 30-11: 20 in Slovenia Time)

Speaker: Mirko Petruševski, Faculty of Mechanical Engineering & University of Ljubljana

Title: Coverability of graphs by three parity regular subgraphs

Section 2, Dec. 14, 2021

Chair: Riste Škrekovski, University of Ljubljana & FIS (Novo mesto)

15: 30-16: 20 (8: 30-9: 20 in Slovenia Time)

Speaker: Xianan Jin, Xiamen University

Title: Twuals, Petrie walks and A-trails

16: 30-17: 20 (9: 30-10: 20 in Slovenia Time)

Speaker: Liying Kang, Shanghai University

Title: Anti-Ramsey number of matchings in r-partite r-uniform hypergraphs

17: 30-18: 20 (10: 30-11: 20 in Slovenia Time)

Speaker: Xujin Chen, Chinese Academy of Sciences

Title: Packing feedback arc sets in tournaments

Section 3, Dec. 15, 2021

Chair: Kexiang Xu, Nanjing University of Aeronautics and Astronautics

15: 30-16: 20 (8: 30-9: 20 in Slovenia Time)

Speaker: Baogang Xu, Nanjing Normal University

Title: On the chromatic number of a family of odd hole free graphs

16: 30-17: 20 (9: 30-10: 20 in Slovenia Time)

Speaker: Sandi Klavžar, University of Ljubljana & University of Maribor

Title: The domination game and $1/2$ -conjectures

17: 30-18: 20 (10: 30-11: 20 in Slovenia Time)

Speaker: Yuejian Peng, Hunan University

Title: Jumping densities of hypergraphs

Section 4, Dec. 16, 2021

Chair: Shenwei Huang, Nankai University

15: 30-16:20 (8: 30-9: 20 in Slovenia Time)

Speaker: Borut Lužar, Faculty of Information Studies

Title: Edge-coloring subcubic graphs with five colors

16: 30-17: 20 (9: 30-10: 20 in Slovenia Time)

Speaker: Tomaž Pisanski, University of Primorska and IMFM

Title: Splittability of configurations and graph

17: 30-18: 20 (10: 30-11: 20 in Slovenia Time)

Speaker: Primož Potočnik, University of Ljubljana

Title: Some unresolved questions about highly symmetric graphs

Section 5, Dec. 17, 2021

Chair: Yongtang Shi, Nankai University

15: 30-16: 20 (8: 30-9: 20 in Slovenia Time)

Speaker: Guiying Yan, Chinese Academy of Sciences

Title: The distance matching extension in $K_{1,k}$ -free graphs with high local connectedness

16: 30-17: 20 (9: 30-10: 20 in Slovenia Time)

Speaker: Bojan Mohar, Simon Fraser University (Burnaby) and IMFM (Ljubljana)

Title: Graph searching

17: 30-18: 20 (10: 30-11: 20 in Slovenia Time)

Speaker: Xuding Zhu, Zhejiang Normal University

Title: A survey on Hedetniemi's conjecture