

The Fourth Workshop on «Domination Theory and its Applications»

April 25, 2025
Novosibirsk, GMT+7 time zone

OUR AIM

Domination is one of the most significant topics in graph theory due to its enormous applications in various fields and real-life problems. Many variations of domination are also introduced and studied by several researchers, and over 5000 papers have already been published in this field. The main goal of the Workshop is to embrace recent results in developing Domination Theory.

INVITED SPEAKERS

- 16:00** Boštjan Brešar, University of Maribor, Slovenia
Talk: Domination games on graphs: the case of Isolation game
- 17:00** Sandi Klavžar, University of Ljubljana, Slovenia
Talk: Maker-Breaker domination game
- 18:00** Vadim Lozin, University of Warwick, UK
Talk: Satisfiability via domination in graphs
- 19:00** Juan Carlos Valenzuela Tripodoro, University of Cadiz, Spain
Talk: Constrained mutual-visibility in graphs: A distance-based approach
- 20:00** Florent Foucaud, Université Clermont Auvergne, France
Talk: Domination-based identification problems in graphs
- 21:00** Martin Milanič, University of Primorska, Slovenia
Talk: Young domination on Hamming rectangles



Zoom link, list of participants and other details — on the workshop's website
<https://mca.nsu.ru/domination-theory/spring2025/>