



The 17th International Symposium on Operations Research in Slovenia - SOR'23

Bled, Slovenia, September 20-22, 2023

<https://sor.fov.um.si/>

Call for Papers for Special Session

GAME THEORY

at the 17th International Symposium on Operations Research in Slovenia (SOR '23)
which will be held in Bled, Slovenia, September 20 – 22, 2023.

Organized and chaired by: Prof. Dr. Tamás Solymosi

Game theory is the study of mathematical models of multi-agent decision situations, where intelligent rational decision-makers interact and no single agent has perfect control over the outcome. Game theory has two main branches: in the non-cooperative models the focus is on the (complete or partial) conflict between the agents and the aim is to find strategies which are in (some kind of) equilibrium. If communication and cooperation (in form of binding agreements) between the agents are possible, then cooperative models can be used to analyse (without detailing the negotiation process) what the agents can achieve. Game theory is used in various fields of the natural and social sciences.

In the proposed special session, we plan to bring together researchers that are active in various areas of Game Theory like:

- Non-cooperative, dynamic, stochastic games
- Cooperative games
- Applications of game theory

DEADLINES:

- Submission of contributed papers: June 10, 2023
- Referee's reports: July 10, 2023
- Submission of revised papers and copies of bank transfer: August 25, 2023

Note: When submitting the paper, please, select "Special Session: Game Theory".