

The Fourth Seminar on Quantitative methods of group decision making (edition Autumn 2018).

The program

Date: Friday, November 23, 2018

Location: WSB University in Wrocław (Wyższa Szkoła Bankowa), building B, MBA section, the first floor.

8:50 Welcome address, information, etc.

9:00 – 10:00

- 1) Daria Boratyn, Jagiellonian University: Aggregation functions that resist strategic grading
- 2) Vito Fragnelli, University of Eastern Piedmont: Criticality in Graph Connection Games
- 3) Josep Freixas, Polytechnic University of Catalonia: All power rankings are achievable in basic weighted games

10:00 – 11:00

- 4) Manfred Holler, Hamburg University: Power in networks
- 5) Janusz Kacprzyk, Polish Academy of Science, Warsaw: The principle of minimal change and consensus reaching processes"
- 6) Mateusz Sitarczyk, Wrocław University of Science and Technology: Updating a consensus in case of adding or removing new elements from the profile

11:00 – 11:30 coffee break

11:30 – 12:30

- 7) Anna Motylska-Kuzma, WSB University in Wrocław: Games in action – evidence from experiments
- 8) Marcin Malawski, Institute of Computer Science PAS, Warsaw: Individualistic values for TU games
- 9) Cezary Orłowski, WSB University in Gdańsk: Applications of Data Mining Methods in the Environmental Engineering Decision Processes

12:30 – 13:30

- 10) Montserrat Pons, Polytechnic University of Catalonia: A unified approach for power indices
- 11) Izabella Stach, AGH University, Cracow: Seat Apportionment by Population and Contribution in European Parliament after Brexit
- 12) Honorata Sosnowska, Warsaw School of Economics (SGH): On some anti-manipulating method of voting

13:30 – 14:30 Lunch at the university canteen

14:30 –

- 13) Encarnacion Algaba, University of Sevilla: Values for games on hierarchies
- 14) Dariusz Stolicki, Jagiellonian University: Estimating seat counts from nationwide vote shares under the Jefferson-d'Hondt system
- 15) Johaness Platje, WSB University in Wrocław: Conditions for the capacity of companies to deal with unexpected events - an explorative study

20:00 Seminar dinner at hotel Campanile

Social program will start on Saturday, November 24 at 9:00 a.m. from Hotel Campanile (details will be announced during the seminar).

Papers from previous seminars:

I (2015): Springer Lecture Notes on Computer Science 9760

II (2016): Springer Lecture Notes on Computer Science 10480

III (2017): Springer Lecture Notes on Computer Science 11290 (eBook due: May 10, 2019; Softcover due: April 12, 2019)

Social program

9:00 starts at Campanile Hotel lobby

Sightseeing by minibus around Wroclaw City

10:30 – 12:00 Hydropolis (Museum of water)

12:00 – 13:00 Sightseeing by minibus – cont.

13:30 We have reservation in “P2” restaurant on Market Square BUT lunch is not included.