



Program

**10th EPMES Conference, 12-13 December, 2019,
Macedonian Academy of Sciences and Arts building, Skopje**

DAY 1, 12 December 2019	
09:30 – 09:45	Registration
09:45 – 10:00	Opening Welcome address, Acad. Gligor Kanevce, MANU
10:00 -11:45	Panel session - Energy transition – when and how? (<i>Moderator:</i>) Panellists: Acad. Gligor Kanevce (MANU), Prof. d-r. Neven Duic (University of Zagreb, FSB), Prof. d-r. Nikola Rajakovic (Faculty of Electrical Engineering – Belgrade) Marijan Galevski
11:45 – 12:00	Coffee break
12:00 – 14:00	Working session 1 (<i>Moderator:</i>) Global power utility strategies and digital utility survey, PWC - Croatia Flexibility options for energy systems in transition, Neven Duić and Antun Pfeifer Future electricity markets with dominant renewable resources and some flexibility options among energy sectors, Nikola Rajakovic and Ilija Batas Bjelic Shared Socioeconomic Pathways and Integrated Assessment Models in Climate Science, Natasa Markovska Contribution and the Importance of Pumped-Storage Hydropower Plants in Sustainable Energy Systems, Sher Baluch
14:00 – 15:30	Lunch break
15:30 – 17:30	Working session 2 (<i>Moderator:</i>) The impact of electricity market price reduction on optimal power-to-heat capacities in district heating system, Hrvoje Dorotic, Marko Ban, Tomislav Pukšec and Neven Duić Heat demand mapping and extension analysis of a large District Heating System, Drilon Meha Optimization of environmentally sustainable heating structure in urban areas, Dalibor Stojevski, Dejan Kitanovski and Aleksandar Damjanovski The effect of relevant factors on the levelized cost of excess heat, Borna Doračić, Tomislav Pukšec and Neven Duić Sector coupling for more Affordable Sustainable Energy Systems: Why dividing into different sectors is not a good strategy?, Ilija Batas Bjelic and Nikola Rajakovic



DAY 2, 13 December 2019

09:30 – 11:30	Working session 3 (<i>Moderator:</i>) Analysis of the water-power nexus of the Balkan Peninsula power system, Goran Stunjek and Goran Krajačić Premiums in Macedonia - from idea to realization Aleksandar Dedinec, Darko Janevski, Viktor Andonov, Slave Ivanovski, Marija Ignatova Goseva, Samir Latif, Nikola Bitrak, Zrmanovski Dejan Estimating Self-consumption in Households with Rooftop Photovoltaics, Vladimir Gjorgievski and Snezana Cundeva Feasibility Study on Residential Energy Efficiency Financing in the Western Balkans, Zdravko Stefanovski
11:30 – 12: 45	Coffee break
11:45 – 13:45	Working session 4 (<i>Moderator:</i>) Energy decarbonization scenarios for Bulgaria - modelling through LEAP and MEDEAS, Angel Nikolaev Strategic energy planning – integrating energy and climate policies, Aleksandar Dedinec, Verica Taseska-Gjorgievska, Natasa Markovska, Aleksandra Dedinec, Gligor Kanevce, Mislav Slade-Šilović, Karlo Jadanić, Irina Avramaska Pashovska, Stefano Corradini, Marco Tricarico and Luca Debernardi Energy planning of the Republic of North Macedonia till 2050 and shaping the model with involving active financial participation of citizens, Panche Atanasovski Flat Tire!, Uran Tuda
13:45 – 14:00	Closing
14:00	Lunch

Panel session: 7 – 8 min for each panelist

Working sessions: 15 min presentation and 5 min discussion for each paper

Working languages: Macedonian and English