



Serbia – China Summit CLIMA 2019

Endorsed by the



Serbian Ministry for Mining and Energy and
Chamber of Commerce of Serbia

Venue:

Mechanical Engineering Faculty,
Kraljice Marije 16, Ceremony Hall (211/II)

Program



Thursday, May 30
10.00OPENING (30 min.)

Moderators and Chairing:

- Prof. **Branislav Todorović**,
the Serbian HVAC&R Society President, and
- Prof. **Junjie Liu**, China, Team Leader,
- **Miodrag Mesarović**, Academy of Engineering Sciences (AESS),
- **Miroslav Lutovac**, Serbian Chamber of Commerce
- Prof. dr **Miloš Banjac**, Ministry of Mining and Energy of Republic of Serbia
- Prof. dr **Predrag Elek**, Vicedean for International Cooperation, Faculty of Mechanical Engineering, University of Belgrade

1. Combined Heat And Electricity Generation In Serbia,
Miodrag Mesarović, member of AESS, Energoprojekt, Belgrade, Serbia
2. Home Ventilation in Developing Countires,
Tengfei Zhang, Prof., Vice Director, Tianjin University, China
3. Belgrade Heating Energy Utilization from Municipal Solid Waste,
Petar Vasiljević, PUC “Beogradske elektrane”, Belgrade, and
Vladimir Milovanović, “Beo čista energija”, d.o.o., Serbia
4. Study on Operation Effect of Indoor Purifier and Fresh Air System in Chinese Residence,
Jingjing Pei, A/Prof., Tianjin University, China

Coffee Break (30 min.)

5. Energy Audits of Toyota Warehouses around Europe with Target of 0%CO₂ by 2050,
Rade Đukanović, Agency for Design and Consulting ArhR doo, Belgrade, Serbia
6. Applicability of PHI's Design Principles for Low Energy Buildings Based on China's Climate,
Xu Zhang, Director, Prof., Tongji University, China

7. HVAC Control Systems – Simulation-Assisted Operation Improvement,
Prof. Bratislav Blagojević, Ph. D., Assist. *Prof. Marko Ignjatović*, Faculty of Mechanical Engineering, University of Niš, Niš, Serbia
8. BIPV Via Smart Grid, Heat Pumps Thermal Use Of Underground, Abandoned Mines Energy Storage, and Large-Scale Terrestrial/Space Power Generation for Global Warming Mitigation,
Marija S. Todorović, F-ASHRAE, -REHVA, member of AESS, Guest Prof. School of Energy and Environment, Southeast University Nanjing, China, CEO VEA-INVI.ltd, Belgrade, Serbia
9. Refrigeration Industry in Serbia Based on the Production Program of the “Soko inžinjering” Factory,
Andrej Jergović, Ph. D., “Soko inžinjering” Director, Belgrade, Serbia

1st Day Final Discussion and Conclusions

Friday May 31

Moderators:

- Prof. **Branislav Todorović**, the Serbian HVAC&R Society President
- Prof. **Junjie Liu**, Prof., Laboratory Chief of BERL, Tianjin University, China
- **Miodrag Mesarović**, AESS Energy Committee Chair

10. Introduction and Ph. D Education in BERBL,
Tianjin University, China,
Junjie Liu, Prof., Laboratory Chief of BERL,
Tianjin University, China
11. Engineering Education System in Serbia, Applied at University of Novi Sad, Novi Sad, Serbia
Assist. Prof. *Aleksandar Anđelković*, Ph. D., Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia, and Assist. Prof. *Tamara Bajc*, Faculty of Mechanical Engineering, University of Belgrade, Belgrade, Serbia

12. Indoor Environment of Residential buildings
in High Humidity City: Chongqing
Xin Zhang, Ph. D., Tianjin University, China
13. Research and Development in Renewable Energy Industry
and Impact of Black Energy Incentives and Effectiveness
of Renewable Energy Incentives: Serbian Heat Pumps
Incentives Definition,
Petar Petrović, “Kotlarnica”, Belgrade, Serbia

Coffee Break (30 min.)

14. Energy Performances of Air-Conditioned Buildings Based on
Short-Term Weather Forecast
Assist. Prof. *Marko Ignjatović*, Ph. D., and Prof. *Bratislav
Blagojević*, Ph. D., Faculty of Mechanical Engineering,
University of Niš, Niš, Serbia
15. Research on Middle and Deep Geothermal Energy
Technology for Heating,
Ping Cui, Vice Director, Shandong Jianzhu University, China
16. Radiant Air Conditioning System and Human Thermal
Comfort,
Jiyong Liu, A/Prof., Shandong Jianzhu University, China
17. Research and Development of Technologies and Technics
for Reducing Emissions of Fluorinated Greenhouse Gases
(F-Gases) from Existing Cold Storage Systems,
Nevena Aksić Jovanović, ND Refrigeration
PR Kragujevac, Serbia

IMPORTANT Remark:

Presentations 15-20 min, and discussion 5-10 min.

2ndDay Final Discussion and Summit Final Conclusions

