



**Silesian University
of Technology**

Silesian University of Technology

Institute of Thermal Technology

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**AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY**

AGH

**AGH University of Science
and Technology**

AGH Center of Energy

al. Mickiewicza 30

30-059 Krakow

Poland

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2020
CPOTE



6th International Conference

**on Contemporary Problems
of Thermal Engineering**

Topic of CPOTE 2020

**The energy system beyond 2020 –
challenges and opportunities**



Kraków, Poland

20-24 September 2020



ABOUT CONFERENCE

The 6th International Conference CPOTE 2020 will be held in Kraków with the scientific cooperation between Department of Thermal Engineering (former Institute of Thermal Technology) and AGH Center of Energy. The theme of this year's conference is the energy system beyond 2020 - challenges and opportunities. CPOTE 2020 is organized in Kraków, the city of Kings, the city well known for its beautiful architecture and monuments. Having one airport in the city and three other in a 2-3 hours train travel distance, it should be conveniently approachable for participants from the farthest corners of the world.

CONFERENCE TRACKS

Area of research

- Non-renewable energy sources (coal, lignite)
- Non-renewable energy sources (oil, gas)
- Renewable energy sources (biomass, biogas, wastes)
- Renewable energy sources (solar)
- Renewable energy sources (wind)
- Renewable energy sources (others)
- Alternative energy sources (e.g. synthetic fuels, nuclear)
- Buildings (e.g. residential, office, municipal)
- Turbomachinery, boilers, heat exchangers, electrical and auxiliary equipment
- Conventional power and combined heat and power (CHP) plants
- Low-temperature energy technologies (e.g. ORC, heat pumps, HVAC)
- Industrial processes and technologies

- Hydrogen production and utilization technologies
- Energy storage and management
- Integrated energy systems

Methodology

- 1st and 2nd law analysis
- Advanced exergy analysis
- Economic analysis
- Environmental analysis, life cycle analysis (LCA)
- Mathematical modelling and simulation
- Experimental investigation and measurements
- Computational fluid dynamics (CFD)
- Optimization, diagnostics, control and automation
- Feasibility study
- Energy policy, markets, planning
- Environmental protection, climate change mitigation
- Review

CPOTE 2020 ORGANISATION OFFICE

Wojciech STANEK	Chair of the Conference Silesian University of Technology
Wojciech NOWAK	Chair of the Conference AGH University of Science and Technology
Zygmunt KOLENDA	Honorary Chair of the Conference
Andrzej ZIĘBIK	Honorary Chair of the Conference

KEYNOTE SPEAKERS

Lidia LOMBARDI	Niccolò Cusano University- Rome, Italy
Silvio DE OLIVEIRA JUNIOR	University of São Paulo, Brazil
Markus A. REUTER	Helmholtz-Institute Freiberg for Resource Technology, Germany
Ron ZEVENHOVEN	Åbo Akademi University, Finland

SPECIAL ISSUES IN SELECTED JOURNALS

- Applied Thermal Engineering
- Civil and Environmental Engineering Reports
- Energy
- Energy and Buildings
- International Journal of Exergy
- International Journal of Hydrogen Energy
- Journal of Energy Resources Technology
- Journal of Power Technologies
- Journal of Sustainable Mining
- Renewable Energy

IMPORTANT DATES

Abstract submission deadline	February 15, 2020
Notification of acceptance	March 15, 2020
Paper submission deadline	June 1, 2020

CONFERENCE FEES

	Early bird fee	Standard fee
Regular participant	600 EUR*	700 EUR*
Student	350 EUR	450 EUR
Accompanying person	250 EUR	350 EUR

*possible discount **-50 EUR** for becoming the conference reviewer

For more information please visit
www.s-conferences.eu/CPOTE2020

You can contact us via
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