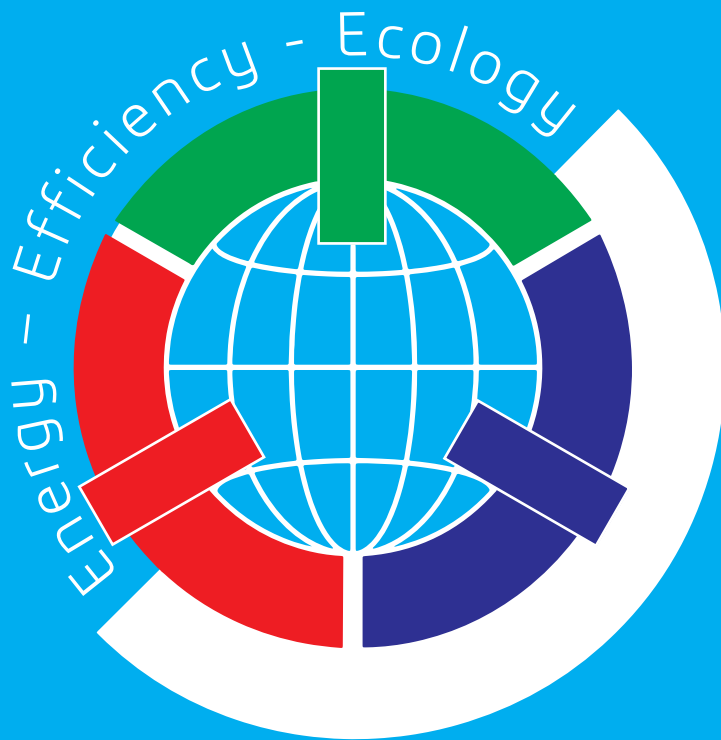


19th International Conference on Thermal Science and Engineering of Serbia

Sokobanja, October 22-25, 2019



SIMTERM 2019

Dear colleagues,

Department of Thermal Engineering of the Faculty of Mechanical Engineering in Niš and the Society of Thermal Engineers of Serbia, continuing scientific research in the field of Energy – Efficiency – Ecology, organize the International Conference on Thermal Science and Engineering of Serbia – SIMTERM 2019, under the patronage of the Ministry of Education, Science and Technological Development of the Republic of Serbia. It is expected that SIMTERM 2019 will gather researchers, engineers, experts, representatives of local and central government and companies from Serbia and abroad, interested in the exchange of scientific and practical information and experience from the thematic fields.

The 19th International Conference on Thermal Science and Engineering of Serbia with the accompanying exhibition of equipment and achievements, under the title **ENERGY – EFFICIENCY - ECOLOGY** will be held in Sokobanja, on October 22-25, 2019.

We are inviting you and looking forward to your participation in the 19th International Conference on Thermal Science and Engineering of Serbia.

President of the Organizing Committee
Prof. Mirjana Laković-Paunović, PhD



UNIVERSITY OF NIŠ
FACULTY OF MECHANICAL ENGINEERING IN NIŠ
DEPARTMENT OF THERMAL ENGINEERING
AND
SOCIETY OF THERMAL ENGINEERS OF SERBIA



MISSION

Energy is today, and will be one of the most important factors for the development of society as a whole in the future. Achieving energy sustainable development, increasing energy efficiency in all areas of production and consumption of all forms of energy, together with intensifying efforts to preserve the environment, is imperative for all states and humanity as a whole. In this regard, the Conference **SIMTERM 2019** is striving to bring together scientists, engineers and businessmen from a wide range of disciplines in energy production band, in order to jointly examine the results achieved so far, and set goals for the future.

BASIC INFORMATION

19th International Conference on Thermal Science and Engineering of Serbia will be held in Sokobanja, on October 22-25, 2019.

The official language is English.

The abstract must have 150-200 words, giving general information about the achievements and objectives of the paper, experimental techniques, methods applied, significant results and conclusions (see instructions for manuscript preparation in the e-mail attachment).



CONFERENCE TOPICS

1. Energy sources and potentials
2. Technologies and plants (furnaces, boilers, combustion chambers, burners for solid, liquid and gaseous fuels, dryers, engines, turbines, equipment and devices of chemical industry, etc.)
3. New and renewable energy sources (biomass, solar energy, geothermal energy, wind energy, fuel cells)
4. Energy efficiency in industry, civil engineering, communal systems and traffic (devices, equipment, systems, materials)
5. Flow, heat and mass transfer, combustion (on high temperatures, in single and two-phase systems, in fluidized systems, in energy, chemistry and chemical apparatuses and plants, in buildings, agriculture, environment, turbulent heat and mass transfer – turbulence models, CFD technologies, etc.)
6. Testing of operating plants (regime parameters, operation problems diagnostics, efficiency, availability, reliability, pollutant emission, etc.)
7. Experimental investigation of processes (on laboratory apparatuses, pilot plants, demonstration plants and in real plant in work)
8. Mathematical modelling and numerical simulation (of processes, devices, equipment, plants, systems, steady and transient processes, regulation, etc.)
9. Rational energy use (in industry, agriculture, usage of energy potentials, fuel replacement, pinch methodology, reducing of specific consumption, etc.)
10. Environmental protection (emission, fuel replacement, new processes and constructions, equipment for purifying water and gasses – removing of SO_2 , NO_x , solid particles and other pollutants).
11. Reliability of processes, equipment and plants
12. Automatics and control of processes
13. Water, air and soil quality management
14. Expert systems
15. Energy management in industry and buildings

PAPER SUBMISSION

All papers received by the deadline will be included in the process of the first reviews. For each paper, the reviewers will define in which category the paper is accepted:

- In the CONFERENCE PAPER category (printed in the Proceedings, after the presentation at the Conference)
- In the ARCHIVAL PAPER category (printed in the Proceedings, after the presentation at the Conference and referred to further review by one of the partner journals)

All papers submitted after May 25th 2019 will be reviewed, but only as CONFERENCE PAPER (without the possibility of referring to special issue of the journal).

Papers should be submitted to simterm@masfak.ni.ac.rs



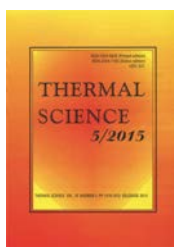
PARTNER JOURNALS



Termotekhnika



Facta Universitatis



Thermal Science

International Scientific Journal

IMPORTANT DATES

Abstract submission: **15.03.2019**

Abstract acceptance notice: **05.04.2019**

Archival paper submission: **25.05.2019**

Conference paper submission: **19.08.2019**



CONFERENCE FEE

For authors who submit papers the registration fee will be 100 € (12.000 RSD).

The fee will cover the Conference Proceedings, Book of Abstracts, CD, banquet cost, etc.

Accommodation prices are given at Hotel "MORAVICA"

Rudnička 4

18230 Sokobanja

Phone: +381 (18) 880-600

[Http://hotelmoravica.weebly.com/](http://hotelmoravica.weebly.com/)

CONTACT

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