

- Prof. Mieczysław Poniewski      Warsaw University of Technology
- Prof. Ewa Radziemska-Klugman      Gdansk University of Technology
- Prof. Kazimierz Rup      Cracow University of Technology
- Prof. Jan Składzień      Silesian University of Technology
- Prof. Aleksander Stachel      West Pomeranian University of Technology, Szczecin
- Prof. Władysław Szaflik      West Pomeranian University of Technology, Szczecin
- Prof. Janusz Szymczyk      Fachhochschule Stralsund
- Prof. Jan Taler      Cracow University of Technology
- Prof. Wiesław Zima      Cracow University of Technology
- Prof. Zbigniew Zapalowicz      West Pomeranian University of Technology, Szczecin

#### ORGANIZING COMMITTEE

- Prof. Aleksander Stachel – Chairman
- Prof. Zbigniew Zapalowicz, prof. ZUT – Scientific Secretary
- Dr Tomasz Kujawa – Organizing Secretary
- Danuta Nowakowska

#### SITE AND DATE

The conference will be held in September 02–05, 2018, in Międzyzdroje – Hotel Wolin, address: Poland, PL 72-500 Międzyzdroje, ul Nowomyśliwska 76. Międzyzdroje is a holiday center at the Baltic coast. It is located about 80 km in the north of Szczecin.

Conference desk opens its activity on the 2<sup>nd</sup> of September in the afternoon. Conference is due to begin on the 3<sup>rd</sup> of September, in the morning, and ends on the 5<sup>th</sup> of September, at noon.

#### CONFERENCE FEES

Participation costs (materials, organizational costs) as well as board and accommodation costs will amount **450,- Euro/Pers.** Fees for accompanying persons amount **250,- Euro/Pers.**

The information concerning payment conditions will be included in the next Announcement and sent to persons who report participation in the conference (also Website: [www.htrse.zut.edu.pl](http://www.htrse.zut.edu.pl)).

#### ADDRESS OF ORGANIZATION COMMITTEE

West Pomeranian University of Technology, Szczecin  
 Department of Heat Engineering  
 al. Piastów 17, PL 70310 Szczecin, Poland  
 tel. +48 91 4494272;      email: [htrse@zut.edu.pl](mailto:htrse@zut.edu.pl)

#### IMPORTANT DATES

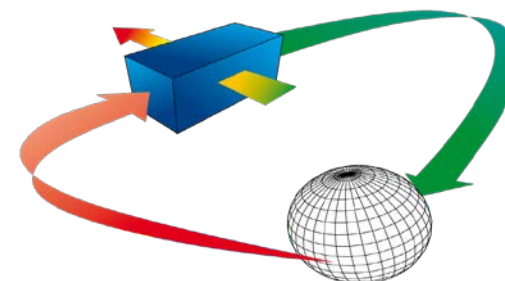
- 15 July 2018** Registration (via the website form) and submission of abstracts (in doc/pdf format, two A4 pages – please send only for [htrse@zut.edu.pl](mailto:htrse@zut.edu.pl))
- 15 July 2018** Notification of acceptance;
- 15 July 2018** Full manuscript submission (Word and PDF format, max. eight pages);
- 15 July 2018** Remittance of full participation fees / bank transfer of conference fee;
- 15 August 2018** Announcements about the mode of their presentation, as well as posting the conference programme.

West Pomeranian University of Technology, Szczecin  
 Department of Heat Engineering

The Committee of Thermodynamics and Combustion  
 Polish Academy of Science

17<sup>th</sup> International Conference

## HEAT TRANSFER AND RENEWABLE SOURCES OF ENERGY, HTRSE – 2018



Międzyzdroje, Poland, Hotel WOLIN

02. – 05. September 2018

### Announcement

Patronage:

The Committee for Energy Problems of the Polish Academy of Sciences

## ABOUT CONFERENCE

Department of Heat Engineering of West-Pomeranian University of Technology in Szczecin and the Committee of Thermodynamics and Combustion PAS are pleased to announce the next conference – XVII Int. Conference Heat Transfer and Renewable Sources of Energy, HTRSE-2018, which will be organized in Międzyzdroje, Poland, in September 05-08, 2018.

The HTRSE conferences are the traditional events organized every two years, which have an established position and are an important place to exchange information and experiences between universities and research centers, bringing together a large group of participants. For many years, they have been serving as an important forum for propagating new ideas and sharing information on the latest achievements and intentions in research and implementation. They are also a place for establishing cooperation between various scientific centers. Their aim is to exchange views between representatives of science, including practice, on issues related to broadly understood energy in the aspect of existing technical, economic, ecological and social needs.

The topic of the Conference is traditionally associated with renewable and unconventional energy sources, which is of particular importance in the era of increasing energy and environmental problems. In addition, it covers a wide range of issues related to heat transfer, energy acquisition and processing, energy management, environmentally friendly energy technologies and environmental protection.

We invite in particular representatives of universities and research centers, as well as producers, users and investors operating in the field of widely understood conventional and renewable energy, as well as all interested in the subject of the meeting – to participate in the HTRSE-2018 Conference.

## AIMS AND SCOPE

The main objective of the Conference is to provide a greater understanding of the fundamentals, principles and technologies, associated with the heat transfer and renewable sources of energy (unconventional energy sources), which is of particular importance in the era of increasing energy and environmental problems.

The Conference will also be a mean of disseminating information concerned with recent research and development activities in the above mentioned field and related areas, such as: cogeneration, centralized heating systems, refrigeration, air conditioning, etc.

## CONFERENCE TOPICS

- New trends and methods of research and calculation regarding heat exchange issues.
- The issues of sourcing, processing and use of energy from renewable and conventional sources in power engineering, heating and other technical fields.
- Pro-ecological energy systems using renewable energy sources.
- Cooperation of conventional energy systems with installations using renewable energy sources in the aspect of energy management efficiency.
- Low-temperature ORC power plants.
- Cogeneration, centralized heating systems, refrigeration, air conditioning.
- The use of waste energy.

## FORMAT OF THE CONFERENCE

The format of the conference will be arranged with major elements being general – papers presentation in oral and poster sessions, keynote lectures, social and tour activities. Papers will be selected for oral and poster presentations on the basis of technical content and interest. By the beginning of the conference the book of abstracts will be printed. The best papers will be recommended for publication in special issues of international scientific journals. It is planned to publish papers in Web of Conferences Proceedings (**E3S Web of Conferences**) indexed in Web of Science and Scopus.

## CONFERENCE LANGUAGE

The language of the conference is English / Polish

## HONORARY COMMITTEE

- Prof. Gerard Besler  
Wroclaw University of Science and Technology
- Prof. Marian Czapp  
Koszalin University of Technology
- Prof. Achim Dittmann  
Technische Universität Dresden
- Prof. Jan Krysiński  
Lodz University of Technology
- Prof. Jochen Lehmann  
Fachhochschule Stralsund
- Prof. Jarosław Mikielewicz  
Institute of Fluid-Flow Machinery PAS Gdańsk, Member of PAS
- Prof. Władysław Nowak  
West Pomeranian University of Technology, Szczecin
- Prof. W. Roetzel  
Universität der Bundeswehr Hamburg
- Prof. Janusz Terpilowski  
Military Technical Academy, Warszawa
- Prof. Marian Trela  
Institute of Fluid-Flow Machinery PAS, Gdańsk
- Prof. Leonid L. Vasiliev  
Luikov Heat & Mass Transfer Institute, Minsk
- Prof. Andrzej Ziębik  
Silesian University of Technology

## SCIENTIFIC COMMITTEE

- Prof. Ryszard Bialecki  
Silesian University of Technology
- Prof. Tadeusz Bohdal  
Koszalin University of Technology
- Prof. Dariusz Butrymowicz  
Białystok University of Technology
- Prof. Tadeusz Chmielniak  
Silesian University of Technology, Member of PAS
- Prof. Dorota Chwieduk  
Warsaw University of Technology
- Prof. Janusz Cieśliński  
Gdansk University of Technology
- Prof. Roman Domański  
Warsaw University of Technology
- Prof. Ingwer Ebinger  
HS für Angewandte Fahrzeugtechnik, Hamburg
- Prof. Jacek Elias  
West Pomeranian University of Technology, Szczecin
- Prof. Abdelmajid Ghannouchi  
Ecole Nationale d'Ingenieurs de Tunis
- Prof. Zbigniew Gnutek  
Wroclaw University of Science and Technology
- Prof. Beata Kępińska  
Mineral and Energy Economy Research Institut PAS, Kraków
- Prof. Henryk Kaproń  
Warsaw University of Technology
- Prof. Władysław Kryłłowicz  
Lodz University of Technology
- Prof. Thomas Luschtinetz  
Fachhochschule Stralsund
- Prof. Jan Łach  
Białystok University of Technology
- Prof. Dariusz Mikielewicz  
Gdansk University of Technology
- Prof. Jens Morgenstern  
Hochschule für Technik und Wirtschaft, Dresden
- Prof. Andrzej Nowak  
Silesian University of Technology