

*International Conference of the  
Slovak Society of Chemical Engineering*

**49<sup>th</sup>**

**CALL FOR  
PAPERS**

**May 15 - 18**

**Tatranské Matliare**

**#SSCHE2023**

**sschi**

SLOVAK  
SOCIETY OF  
CHEMICAL  
ENGINEERING

# CHAIRMAN MESSAGE

*Dear colleagues from around the world,*  
the knowledge transfer is one of the most important aspects of progress. In the interest of scientific progress in the field of chemical and environmental engineering, we are organizing the international SSCHE conference in Slovakia again this year. Do not hesitate and secure your place at our event. You can show like-minded individuals the results of your latest work in the form of oral presentations or posters. Young researchers can compete for the best poster award. And all this in the picturesque surroundings of the High Tatras. I look forward to fruitful discussions with you.

Kind regards,  
Dr. Ján Janošovský  
Chairman of the Slovak Society of Chemical Engineering



## ABOUT THE SOCIETY

SSCHI – Slovak Society of Chemical Engineering is the official representative of European Federation of Chemical Engineering in Slovakia. Since 1972, we have been bringing together students, graduates, enthusiasts and supporters of the field of chemical engineering. For more information visit [www.sschi.sk/en/](http://www.sschi.sk/en/)

## CONFERENCE SERVICE

*Ing. Barbora Dudášová*

Institute of Chemical and Environmental Engineering

Faculty of Chemical and Food Technology

Radlinského 9

812 37 Bratislava, Slovakia

e-mail: [sschi@sschi.sk](mailto:sschi@sschi.sk)

tel: +421 259 325 250

mobile: +421 918 674 250

<https://sscheconference.sk>





# PLENARY LECTURES



**Seyed Mansouri**

Accelerated process intensification for multi-scale process systems

**Technical University of Denmark**



**David Mountainland**

Pilot unit design for renewable feedstocks

**Hydrocarbon Technology & Innovations**



**Csaba Sinka**

Mechanochemical processing of particulate materials: from coupled problems to mechanochemistry

**University of Leicester**



## SCOPE OF THE CONFERENCE

01 Reaction engineering and catalysis

02 Bioengineering and biotechnology

03 Separation processes

04 Environmental engineering

05 Risk management and process safety

06 Industrial process design and control

07 Momentum, heat & mass transfer

08 Material engineering

# SPECIAL WORKSHOPS

## WAS&BIO

WASTE AND BIOMASS AS SUSTAINABLE ENERGY AND MATERIAL SOURCES

## IRinGIFT

GREEN INNOVATIONS IN STUDENTS' PROJECTS

## MULTI-PI

MULTILEVEL PROCESS INTENSIFICATION



## SCOPE OF THE WORKSHOPS

- 01 Biomass and waste as sources of renewable energy and materials
- 02 Thermochemical processes for waste and biomass conversion
- 03 Biofuels, bioenergy, biorefineries
- 04 Anaerobic digestion of waste and biomass
- 05 Renewable energy sources in industrial applications
- 06 Green and sustainable environmental solutions
- 07 Production of chemicals in hybrid systems
- 08 Process optimization considering multiple criteria

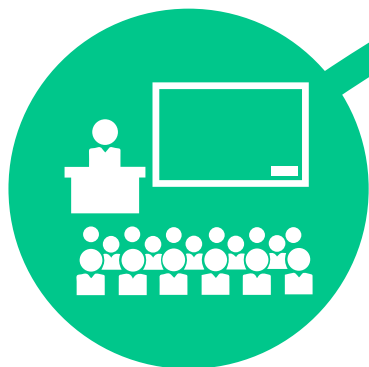
### COOPERATING ORGANIZATIONS



# PRESENTATION FORM

Participants are invited to apply for oral or poster presentations. Participants are required to submit short description of the submitted contribution together with its title and preferred form of presentation. Registration for the conference is available online at <https://sscheconference.sk>

**LECTURE** 15 + 5 min



**POSTER** 87x118 cm



## PUBLICATION OPTIONS

Participants will receive printed program as well as a flash drive containing book of abstracts and full-texts with an ISBN.

All participants are encouraged to submit their conference lecture and poster presentations in the form of original papers, short communications or reviews to the journals Chemical Papers, Energies, Catalysts and Processes.

## STUDENT POSTER AWARD

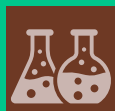
For the 49<sup>th</sup> SSCHE conference we will organize student Poster Award with awarding of three best posters judged by scientific committee.

This year, three best posters will be awarded with **250 €** each, sponsored by open access journals Catalysts, Energies and Processes. Students can register for the poster award competition in the conference system.



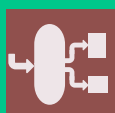
**energies**

an Open Access Journal by MDPI



**catalysts**

an Open Access Journal by MDPI



**processes**

an Open Access Journal by MDPI

# IMPORTANT DATES

**March 28 - Last extension**  
Contribution topic - lecture

**March**  
Presentation form decision

**April**  
Preliminary program

**April 15**  
Abstract and fulltext submission

**April 15**  
Contribution topic - poster

**April 15**  
Early bird payment

**May 15-18**  
Conference

# CONFERENCE FEES

## REGISTRATION BEFORE APRIL 15, 2023

Regular participant	330 €
Member of SSCHI	300 €
Students	260 €

## REGISTRATION AFTER APRIL 15, 2023

Regular participant	360 €
Member of SSCHI	330 €
Students	280 €
Accompanying person	60 €

Full conference registration fee includes conference proceedings, access to the scientific sessions, coffeekbreaks and conference party.

# CONFERENCE VENUE

The conference will be held in the quiet location of Tatranské Matliare, which provides beautiful panoramic views of the majestic peaks of the High Tatras!

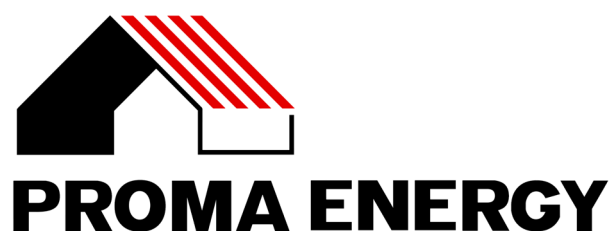
Accommodation including breakfast and local tax in Hotel Hutník costs 42 € per person per night in a double-bed room, or 49 € in a single-bed room. Price of lunch in the hotel restaurant is 10 € and dinner 12 €, respectively.

All participants and accompanying persons are invited to attend the conference party which will be held at the venue on Tuesday, May 16, 2023.



# PARTNERS OF THE CONFERENCE

## GOLDEN



## SILVER



# MEDIA PARTNERS OF THE CONFERENCE

