

*International Conference of the
Slovak Society of Chemical Engineering*

ANNIVERSARY

50

#SSCHE2024

May 20 - 24

Tatranské Matliare

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 annual international SSCHE conference in Slovakia. This year will be special as our conference celebrates its 50th birthday. There will be a few surprises prepared for those who come to share their latest R&D results. You will find more information in the following pages.

Do not hesitate to secure your place at our event 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



SCOPES OF THE CONFERENCE

01 Reaction engineering and catalysis

02 Bioengineering and biotechnology

03 Industrial process design and control

04 Risk management and process safety

05 Momentum, heat & mass transfer

06 Environmental engineering

07 Separation processes

08 Material engineering



PLENARY LECTURES



Tapio Salmi

Åbo Akademi University

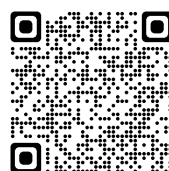
Towards new models in the reactivity of gas-liquid-solid systems



Marco Rossi

MathWorks

Harnessing AI for Chemical Engineering Innovation with the MathWorks platform



Michael Lauermann

Austrian Institute of Technology

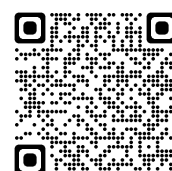
Heat pumps in industrial processes - A key technology of future energy systems



Radoslav Mizera

Solved

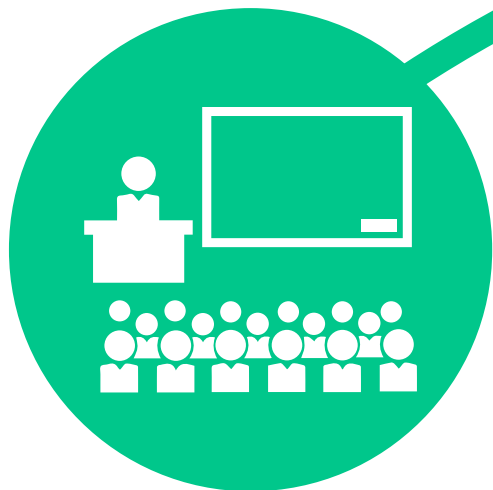
Digital transformation of impact ecosystems



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.

STUDENT POSTER AWARD

For the 50th 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. Students can register for the poster award competition in the conference system.



FEES

1-DAY

REGISTRATION BEFORE APRIL 15, 2024

Regular participant	240 €
Member of SSCHI	230 €
Student	150 €

REGISTRATION AFTER APRIL 15, 2024

Regular participant	270 €
Member of SSCHI	250 €
Student	200 €

Conference registration fee includes conference materials, proceedings on USB flash drive, access to sessions, conference party, coffee breaks and welcome drink.

Scientific program starts on 21st May 2024.

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 **50 €** per person per night in a double-bed room, or **68 €** 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 with anniversary surprise** which will be held at the venue on Wednesday, May 22, 2024.



FEES

STANDARD*

REGISTRATION BEFORE APRIL 15, 2024

Regular participant	360 €
Member of SSCHI	340 €
Student	230 €

REGISTRATION AFTER APRIL 15, 2024

Regular participant	399 €
Member of SSCHI	370 €
Student	299 €

*STANDARD - 2 or more conference days

Accompanying persons can not be co-authors of any contribution. Uniform fee for accompanying person is **70 €**.

IMPORTANT DATES

March 27 - extended

Contribution topic - lecture

March

Presentation form decision

April

Preliminary program

April 15

Abstract and fulltext submission

April 15

Contribution topic - poster

May 20-24

Conference



MORE
INFO

GUIDED TRIP

On the upcoming 50th anniversary of the SSCHE conference we will organize guided bus trip to the nearby medieval historic city of Levoča and the medieval ruin of the castle Spišský hrad, both be part of UNESCO world heritage sites.

The price for the trip is **5 €**. Payment will be held at the conference place. The number of places in the bus is limited to **50** people.

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/

CONFERENCE SERVICE

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<https://sscheconference.sk>

PARTNERS OF THE CONFERENCE

PLATINUM



GOLDEN



SILVER



MEDIA PARTNERS OF THE CONFERENCE

