

**XIII Scientific Conference
“Membranes and Membrane
Processes in Environmental
Protection”**

MEMPEP 2021



**09th – 12th of June 2021
Zakopane (Poland)**

ORGANIZER



Faculty of Energy and Environmental Engineering, Department of Water and Wastewater Engineering

HONORARY PATRONAGE



Rector of the Silesian University of Technology

Chamber of Commerce 'Polish Waterworks'

SCIENTIFIC PATRONAGE



Polish Membrane Society



The Committee of Environmental Engineering
Polish Academy of Sciences

SPONSORS

EUROPEAN MEMBRANE SOCIETY



MEDIA AUSPICES



Scientific Committee:

Prof Michał Bodzek – *Chairman*

Prof Miriam Balaban
Prof Jolanta Bohdziewicz
Prof Bart Van der Bruggen
Prof Marek Bryjak
Prof Andrzej Chwojnowski
Prof Mariusz Dudziak
Piotr Dydo, Ph.D., D.Sc.,
Prof Maria Elektorowicz
Prof Marek Gryta
Prof Ludomira Granicka
Prof Peter Huck
Prof Małgorzata Kabsch-Korbutowicz
Prof Władysław Kamiński
Prof Andrzej Kołtuniewicz
Prof Grażyna Zakrzewska-Kołatuniewicz
Prof Krystyna Konieczny
Irena Korus, Ph.D., D.Sc.,
Prof Stanisław Koter
Prof Cezary Kozłowski
Wojciech Kujawski, Ph.D., D.Sc.,

Prof Katarzyna Majewska-Nowak
Prof Sylwia Mozia
Prof Andrzej Noworyta
Prof Lucjan Pawłowski
Prof Wojciech Piątkiewicz
Prof Krystyna Prochaska
Mariola Rajca, Ph.D., D.Sc.,
Prof Czesława Rosik-Dulewska
Prof Marek Sozański
Prof Maria Szpakowska
Prof Barbara Tomaszewska
Prof Maria Tomaszewska
Elwira Tomczak, Ph.D., D.Sc.,
Prof Anna Trusek
Prof Marian Turek
Prof Maria Włodarczyk-Makuła
Prof Tomasz Winnicki
Jacek Wiśniewski, Ph.D., D.Sc.,
Aleksandra Wolińska-Grabczyk, Ph.D., D.Sc.,

Organizing Committee:

Irena Korus, Ph.D., D.Sc. - *Chairman*
Prof. Krystyna Konieczny

Anna Kwecińska-Mydlak, Ph.D.
Mariola Rajca, Ph.D., D.Sc.

PLEASE NOTE: XIII Scientific Conference „Membranes and membrane processes in environmental protection” was to be held in 2020, however, due to COVID-19 situation it was moved to 2021. It is NOT the separate event. All registrations made for the initial Conference term (2020) are valid for the new Conference term in 2021. The final deadline for the registration is 30th of April 2021.

Membrane techniques have found a wide range of applications in environmental protection. Thus, the review and coordination of current researches are aimed and justified. The active participation of industrial partners applying membrane processes in the industrial practice is also highly desired. It has all been revealed by a series of membrane conferences regularly organized since 1995.

The aim of the conference is to sum up the recent progress in application of membrane processes mainly in environmental protection, but also in other branches of industry.

The main topics discussed during conference's sessions are:

- production and characteristics of membranes due to their further application in environmental protection,
- modelling of membrane processes and other engineering concepts,
- desalination of water and wastewater with the use of membrane techniques,
- membranes in water and wastewater treatment technology,
- hybrid membrane processes,
- pervaporation, membrane distillation and gas separation,
- fuel cells,
- application of membranes in biotechnology,
- membranes in environmental monitoring,
- membrane reactors,
- membrane removal of micropollutants from various environmental species.

The conference form. Due to COVID-19 situation, the participation in the conference is possible in either stationary or remote (on-line) mode. The Organizers hold their right to change the form of the conference to **fully remote in regard to current regulations and restrictions eventually disabling the performance of the event in the stationary mode.**

Conference presentations. The contributions can be presented as oral presentations or posters. The Conference's Scientific Committee holds a right to change the form of presentation submitted by the participant. Both posters and oral presentations should be prepared in English, while the language of presentation used during conference sessions and discussions may be either English (recommended) or Polish.

The time predicted for one oral presentation is 15 minutes (including discussion). The stationary participants will be provided with audiovisual devices required for their speech. The remote participants are asked to use their own IT devices (computer, tablet) with sufficient Internet access, microphone and, eventually, camera. Stationary presentations will be transmitted on-line, while remote presentations will be displayed in conference's place during relevant sessions.

Posters should be prepared in the form of Power Point presentation (or other relevant format) comprising of max. 4 slides, which should contain following data: title of the presentation, name of authors, aim of the work, short description of materials and methods involved, most important results, conclusions and, if relevant, acknowledgements (the exemplary template of the poster presentation will be available at the conference's website). The poster presentation file should be uploaded via the conference's website using the dedicated bookmark. The file should be named with the name of the first author and, eventually, with the number, if the author presents more than one poster. Every poster presentation will be rearranged into 1 page pdf file containing compilation of 4 slides, which will be shared among conference participants several days before the conference start. Poster session will be organized on 10th of June 2021 (Thursday) in the afternoon. During the session, every poster will be displayed for 1 min (all 4 slides). After the display of every poster, a short time for the discussion with the author is predicted.

During conference sessions, **the Competition** addressed to **Young Scientists** (MSc students and PhD students) for the best oral and poster presentation will be carried out. Every person, who is a young scientists (MSc student or PhD student not older than 35 years), an author or a coauthor of the research (oral or poster presentation) and will present the research **in English**, may become a Competitor. Please, use the option for the Competition Registration available in The Registration Form. **PLEASE also NOTE, that MSc and PhD students, who are members of European Membrane Society, may apply for EMS travel grants (the deadline for the application submission is 18.04.2021).** For details, please visit EMS website: <https://www.emsoc.eu/travel-awards-for-ms-phd-students>.

Conference's publications. The submitted abstracts, after the acceptance of the Scientific Committee, will be published in Conference Materials. Conference participants are asked to submit their paper(s)'s abstract(s) until **30th of April 2021** (submission of abstracts should be made via the conference website). The template for the abstracts preparation is available at the conference website and the abstract length should not exceed 1 page. The abstract file should be named with the surname of the first author and, eventually, with a number, if the first author submits more than one abstract. **Please note, that the publication of abstract in conference materials is only available for authors, who send the signed declaration required by Silesian University of Technology Publishing Office, which is available on the conference's website.**

Full text papers, after their acceptance by the Scientific Committee and **positive review** may be published in one of journals listed below:

- *Desalination and Water Treatment* (DWT), IF=1.32, **additional publication fee 150 Euro** should be paid directly do DWT Publisher after positive review and acceptance for publishing;
- *Membranes*, special issue "*Selected Papers from XIII Scientific Conference "Membranes and Membrane Processes in Environmental Protection" (MEMPEP 2020)*", IF – 3.094, **additional publication fee 1,800 CHF** should be paid directly to *Membranes* after positive review and acceptance for publishing. Conference attendees will be offered with 20% discount for their submissions. The discount cannot be used together with the reviewer vouchers or MDPI institutional discounts;
- *Architecture Civil Engineering Environment Journal*;
- *INSTAL*, **additional publication fee 700 PLN + 23% VAT** should be paid directly to *INSTAL* Publisher after positive review and acceptance for publishing. Papers submitted in English are conditionally exempted from the fee, if they are certified with the language revision certificate made by the English native speaker.
- *Technologia Wody*.

The authors are kindly asked to **specify the journal**, in which they would like their paper(s) to be published. The full text papers should be then prepared according to the guidelines of a selected/specified journal, which are available at a journal website.

PLEASE NOTE: According to COVID-19 situation and the change of the conference date to 2021, the number of papers possible to be submitted to DWT journal within the one conference fee is extended to two. Additionally, publication of additional paper in *Membranes* special issue, is still enabled.

The already submitted abstracts and full text papers are proceeded according to the schedule. Further abstracts and papers may be continuously submitted. **The deadline for submission of papers to Desalination and Water Treatment (DWT) is 30th of April 2021.**

PLEASE NOTE, that all contributions given in already published papers, as well as ones to be still submitted and accepted for publication, should be presented during the conference sessions.

The place of the conference:

The conference will be held in the hybrid mode (stationary and remote participation form is available) **from 9th to 12th of June 2021**. The stationary place of the conference is "**Rewita WDW Kościelisko**", St. Nędzy Kubińca 101, 34-511 Kościelisko (near Zakopane). The stationary participants will be provided with the accommodation (3 nights: 9/10.06.2021, 10/11.06.2021, 11/12.06.2021) and the full board starting with the supper on 09.06.2021 to the lunch on 12.06.2021. The conference office starts on 9th of June 2021 at 4 p.m. The first session carried out in the hybrid mode (stationary and remote) will start on 10th of June 2021 at 9 a.m. The conference programme will be soon available at the conference website. The link to the conference events will be send to online participants several days before the start of the conference.

The conference fees:

The fee for stationary participation (which includes accommodation, board, conference materials and accompanying events) is:

- **1800 PLN** - before 30.04.2021
- **1900 PLN** - after 01.05.2021

The fee for remote participation is:

- **400 PLN** - before 30.04.2021
- **450 PLN** - after 01.05.2021

The participants are asked to indicate the form of their participation via the conference website.

The participants are asked to send the fee corresponding to the selected participation form to the account of Silesian University of Technology.

Account holder:
Silesian University of Technology
Akademicka 2 A
44-100 Gliwice, Poland

Tax Reference Number: 631-020-07-36
Bank name: ING Bank Śląski S.A./O Gliwice
Account number: PL 60 1050 1230 1000 0002 0211 3056
Currency: PLN
Reference detail: MEMPEP2021+Name(s)+Surname(s)

We invite you to follow the conference website available at:
<http://mempep2021.systemcoffee.pl>