

ORGANIZERS

Polish Association of Civil Engineers
and Technicians (PACET), Opole Branch

Faculty of Civil Engineering and Architecture
Opole University of Technology

Opole District Chamber of Civil Engineers

Commission of Civil Engineering
Katowice Branch
of the Polish Academy of Sciences

ADDRESS OF THE ORGANIZING COMMITTEE

Opole University of Technology,
Faculty of Civil Engineering and Architecture
Katowicka 48, 45-061 Opole, Poland
with a note on the envelope: ECCE 2022

e-mail: ecce2022@po.edu.pl
www: <https://ecce2022.po.edu.pl/>

IMPORTANT DATES

Sessions: 26-28 September 2022
(Monday – Tuesday – Wednesday)

- 31.01.2022 – submission of abstract
- 14.02.2022 – information on the acceptance of abstract
- 30.04.2022 – submission of full articles
- 31.05.2022 – submission of reviews to the authors
- 30.06.2022 – submission of revised articles and payment
of conference fee



Faculty of Civil Engineering and Architecture
Opole University of Technology (photo by S. Dubiel)

GUIDELINES FOR THE AUTHORS

Abstract in English: font Times New Roman 12,
line spacing 1.5, max. 2 pages, A4 format.

Guidelines for the full articles will be sent by the Scientific
Committee along with the information on the acceptance
of abstract (approximately Max. 16 pages, A4 format).

Detailed guidelines for the authors shall be provided at:
<https://ecce2022.po.edu.pl/>

One conference fee covers participation with one paper and
publication of all accepted paper abstracts in the Conference book.
The conference fee covers also publication of selected papers, after
acceptation by the Scientific Committee, in the reviewed Conference
monograph by *Springer* or in *Inżynieria i Budownictwo* – the
prestigious trade journal for the Polish construction industry from
PACET. The conference fee does not cover additional costs for
publication in other journals proposed by the Scientific Committee
(journal issues to be negotiated by the organizers for the ECCE 2022
participants). The publisher will be proposed for the authors by the
Scientific Committee in the information on the acceptance of abstract.
More detailed information will be provided in Circular No. 2.
in November/December 2021 and the Conference website.

INVITED LECTURES

Zbigniew Giergiczny

Silesian University of Technology (Poland)
Cement and concrete in a low-carbon economy

Oren Lavan

Israel Institute of Technology Technion City (Israel)
*Seismic retrofitting and seismic design using advanced
technologies: An environmental point-of-view*

Maria Rossella Massimino

University of Catania (Italy)
*Seismic risk and environmentally friendly solutions:
the geotechnical point of view*

Mariusz Pustelnik

Design office – Mostopol sp. z o.o. (Poland)
*Technical aspects of the designed railway bridge
over the Odra river in Opole*

1st CIRCULAR



Polish Association of Civil
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and Architecture



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5TH INTERNATIONAL SCIENTIFIC CONFERENCE

ECCE 2022
ENVIRONMENTAL CHALLENGES
IN CIVIL ENGINEERING

Opole
26-28 September 2022

HONORARY PATRONATE

Chairman of PACET
Prof. Maria Kaszyńska

His Magnificence, Rector of Opole
University of Technology
Prof. Marcin Lorenc

Marshal of Opole Voivodeship
Andrzej Buła

President of Provincial Fund for Environmental
Protection and Water Management in Opole
Maciej Stefański

DATE

26-28 September 2022

VENUE

FACULTY OF CIVIL ENGINEERING & ARCHITECTURE

OPOLE UNIVERSITY OF TECHNOLOGY

Katowicka 48, 45-061 Opole, Poland

<http://www.wbia.po.edu.pl>

HOTEL MERCURE OPOLE

Krakowska 57/59, 45-018 Opole, Poland

The conference program includes technical trips to important construction sites in the region.

The conference is a form of professional development.

Participants will receive a certificate of participation in the Conference.

CONFERENCE FEE

The conference fee is 430 Euro or 1500 PLN +VAT.

The conference fee includes two nights in a double room in Hotel Mercury Opole with breakfasts, dinners, suppers, and refreshments during breaks.

The organizers do not cover the travel costs and the costs of accommodation in places other than Hotel Mercury Opole.

Additional information

1. An additional fee for one-night stay in a single room is 45 Euro or 150 PLN +VAT per one night.
2. The conference fee without accommodation is 350 Euro or 1200 PLN +VAT.
3. Participants who plan an additional one-night stay in a double room on 25 or 28 September 2022 incur an additional fee of 50 Euro or 175 PLN +VAT.
4. In case of resignation from participation in the Conference up to two weeks before its commencement, participation costs may be reimbursed up to 50% of the payment made. In the case of resignation from participation less than two weeks, participation costs will not be reimbursed.

BANK ACCOUNT

Santander Bank Polska S.A. O/Opole

PL 13 1090 2138 0000 0001 2136 6833

SWIFT/BIC: WBKPPLPP

Polski Związek Inżynierów i Techników Budownictwa

Oddział w Opolu

NIP: 754-00-21-481

(in the transfer description,

please also include a note: ECCE 2022)

SCIENTIFIC COMMITTEE

Chairman

Zbigniew Perkowski, Opole University of Technology (Poland)

Members

Glenda Abate, University of Catania (Italy)

Monika Adamska, Opole University of Technology (Poland)

Damian Bęben, Opole University of Technology (Poland)

Dariusz Bajno, Bydgoszcz University of Technology (Poland)

Mirosław Bogdan, Opole University of Technology (Poland)

Giovanni Bosco, University of L'Aquila (Italy)

Jacek Domski, Koszalin University of Technology (Poland)

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Oren Lavan, Israel Institute of Technology Technion City (Israel)

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Amer Wadi, ViaCon International AB (Sweden)

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Scientific Secretaries

Dominika Pilarska, Opole University of Technology (Poland)

Mariusz Czabak, Opole University of Technology (Poland)

Krystian Jurowski, Opole University of Technology (Poland)

THEMATIC SCOPE OF THE CONFERENCE

We invite authors of scientific and review papers in the field of architecture, urban planning, civil and environmental engineering. Their detailed scope should concern:

- designing of buildings with particular emphasis on the reconstruction and renovation of historic ones, durability of buildings and structures, environmental aspects of sustainable construction
- construction materials engineering with particular emphasis on waste management in construction
- unconventional energy sources and energy consumption in construction
- innovative technologies for the construction and operation of buildings in industrial, hydrotechnical, municipal, and transport infrastructure
- architecture and urban and spatial planning in the context of the idea of sustainable development
- BIM, legal and organizational issues of preparation and implementation of construction projects in accordance with the principles of environmental protection

The organizers invite researchers, designers, contractors, architectural and construction administration, and construction supervision employees as well as companies promoting modern technologies and products in the field of construction to participate in the Conference.

Persons or companies interested in presenting their own offer or placing an advertisement during the Conference are invited to directly contact the Organizing Committee.

Other forms of participation:

- presentations and posters
- presentations of companies offering products for construction industry
- advertising stands for companies

ORGANIZING COMMITTEE

Chairman

Wiesław Baran, Opole University of Technology / Polish Association of Civil Engineers and Technicians, Opole Branch

Members

Damian Bęben, Opole University of Technology

Zbigniew Perkowski, Opole University of Technology / Commission of Civil Engineering, Katowice Branch of Polish Academy of Sciences

Dominika Pilarska, Opole University of Technology

Adam Rak, Opole University of Technology / Opole District Chamber of Civil Engineers

Secretaries

Małgorzata Godyń, Opole District Chamber of Civil Engineers

Krzysztof Irek, Opole University of Technology