



# XXVII Conference of Lightweight Structures in Civil Engineering

Łódź, Poland  
2-3 December 2021



First announcement





On the 8<sup>th</sup> of September 2020, **Professor Jan B. Obrębski**, the Founder of annual LSCE Conferences, passed away aged 77 at the height of his creative powers.

All His friends received this information with deep regret and profound sadness.

The LSCE 2021 conference organized in Łódź on the 2nd and 3rd of December shall be held as a tribute to honour the achievements and work of **Professor Jan B. Obrębski**.

During His long professional career, He contributed to the development of many outstanding engineers and scientists. He was an originator and founder of a series of LSCE conferences which for over 25 years have served as a forum for exchanging experiences for scientists around the world. Many researchers globally recognized today have started their amazing careers at these events as young academics.

Participation in this year's edition of the LSCE Conference shall be a way to express gratitude and recognize the work of its Initiator, **Professor Jan B. Obrębski**.





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*Series of conferences organized by IASS Polish Chapters*



**Lightweight Structures in Civil Engineering Conferences** are a series of annual international conferences, which have been organized by **Polish leading Universities**.

The aim of the Conference is to bring together researchers and professionals from different countries and to provide opportunity to present results of their work.

The lightweight structures belongs to civil engineering objects, erected by peoples, which distinguish in relation to similar erected up till now, by relatively small amount of build in material and assuring simultaneously extremely high exploitation parameters like: large spans of roofs or bridges without middle supports, height of buildings, towers or masts and extremely large useful surface or free volume of buildings, tanks or reservoirs. It is intended that all following topics can be included: spatial lattice structures, plate and shell structures, domes and membranes, high-rise buildings, towers, reservoirs, bridges, thin-walled, tension, cable and pneumatic structures. Any kind of material and structures can be discussed which corresponds with above definition. Also all methods of analysis as: analytical, numerical and experimental are welcomed. The scope of the conference is not limited only to broadly understood theoretical considerations but also includes engineering issues related to new technologies in construction, implementation problems as well as the presentation of completed facilities.



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## Form of the Conference

Since 2019, the world we knew has gone, probably forever, due to the coronavirus pandemic. Changes can be seen in almost all aspects of our everyday lives, including professional career, teaching, health care, transport, and travel, to mention but a few. Also the LSCE 2021 event will be different than before.

There are two equivalent ways in which Participants can **fully** attend the conference:

1. **Traditional participation** – conference sessions held for two days at the Technical University of Łódź campus (with publication of abstracts and then reports as chapters in a monograph), accompanied by joint meals, coffee breaks and talks in the lobby. Last but not least, the event's atmosphere provides new and old participants with a great opportunity to meet and establish professional relations.

2. **Remote participation** – particularly suitable for foreigners and other guests who find it difficult or impossible to travel to Łódź. With this form of participation, we provide full access to a web-based platform offering a real-time display of all presentations and lectures as well as options to listen to and actively participate in post-presentation discussions, ask questions and more. This form also allows Authors to present their reports which will be included in the abstract book and their extended version will be published in a monograph. After the event, these materials will be collected in the conference proceedings and sent by post.

*If conference meetings cannot take place in the traditional, face-to-face manner due to the pandemic, the conference will be conducted as a virtual event. This will have no effect on publishing abstracts and full articles in the monograph (conference proceedings will be sent to Authors by post.*



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## Important dates

30 October 2021 - submission of abstracts (book of abstracts)

15 November 2021 - approval of abstracts

2 December 2021 –conference opening

28 February 2022 - full paper submission (monograph)

30 May 2022 – submission of selected papers for the Special Section of the Bulletin of the Polish Academy of Sciences: Technical Sciences

JCR Impact Factor 2019:	1.385
5 Year Impact Factor 2019:	1.310
SCImago Journal Rank (SJR) 2019:	0.361
Source Normalized Impact per Paper (SNIP) 2019:	1.005
The Polish Ministry of Science and Higher Education 2019:	100 points







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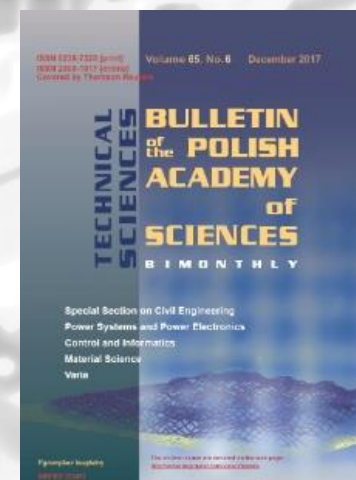
## Conference fees

**Full participation:** including Conference book of abstracts, monograph, access to all scientific sessions, refreshments and lunches– 1200 PLN (+VAT)

**Publishing of selected papers for the Special Section of the Bulletin of the Polish Academy of Sciences: Technical Sciences – 1230 PLN (+VAT)**

The Bulletin of the Polish Academy of Sciences: Technical Sciences (Bull. Pol. Ac.: Tech.) is published in Open Access, which means that **all papers are available** on the internet to all users immediately upon publication **free of charge** for the readers. By submitting a paper for publication, authors declare that they are ready to cover the costs of editing their paper. In exchange for a fee, the PDF file of published paper is available at the Open Access platform: <http://www.journals.pan.pl/bpasts>

Payment directly to the Bulletin account.





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**Marcin Kamiński** - Chairman of the Scientific Committee, Łódź University of Technology, Poland  
**John Abel** - Honorary Member of the Scientific Committee, USA  
**Bartłomiej Błachowski** - Institute of Fundamental Technological Research Polish Academy of Sciences, Poland  
**Ryszard Buczkowski** - West Pomeranian University of Technology, Szczecin, Poland  
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**Giovanni Falsone** - Università degli Studi di Messina, Italy  
**Nicholas Fantuzzi** - University of Bologna, Italy  
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**Jarosław Górski** - Gdańsk University of Technology, Poland  
**Michał Guminiak** - Poznań University of Technology, Poland  
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**Aleksander Kozłowski** - Rzeszów University of Technology, Poland  
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**Mariusz Maślak** - Cracow University of Technology, Poland  
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**Maria Pia Repetto** - Università degli Studi di Genova, Italy  
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**Kazimierz Rykaluk** - Wrocław University of Environmental and Life Sciences, Poland  
**Katarzyna Rzeszut** - Poznań University of Technology, Poland  
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**Ryszard Walentyński** - Silesian University of Technology, Poland  
**Alphose Zingoni** - University of Cape Town, Republic of South Africa

## Organizing Committee:

**Jacek Szafran**  
**Klaudia Juszczyk – Andraszyk**  
**Ewelina Kubacka**  
**Artur Matusiak**



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**LSCE 2021 General Lectures**

**Prof. Maria Pia Repetto – University of Genoa**

**Prof. Alphose Zingoni – University of Cape Town**

**Prof. Ken'ichi Kawaguchi - University of Tokyo**

**Arch. Igor G. Siotor - Pfeifer Structures North America**

**LSCE 2021 Invited Lectures**

**Prof. Ewa Błazik-Borowa – Lublin University of Technology**

**Prof. Piotr Iwicki – Gdańsk University of Technology**

**Dr Robert Studziński – Poznań University of Technology**

**Dr Piotr Tazowski – IPPT PAN**





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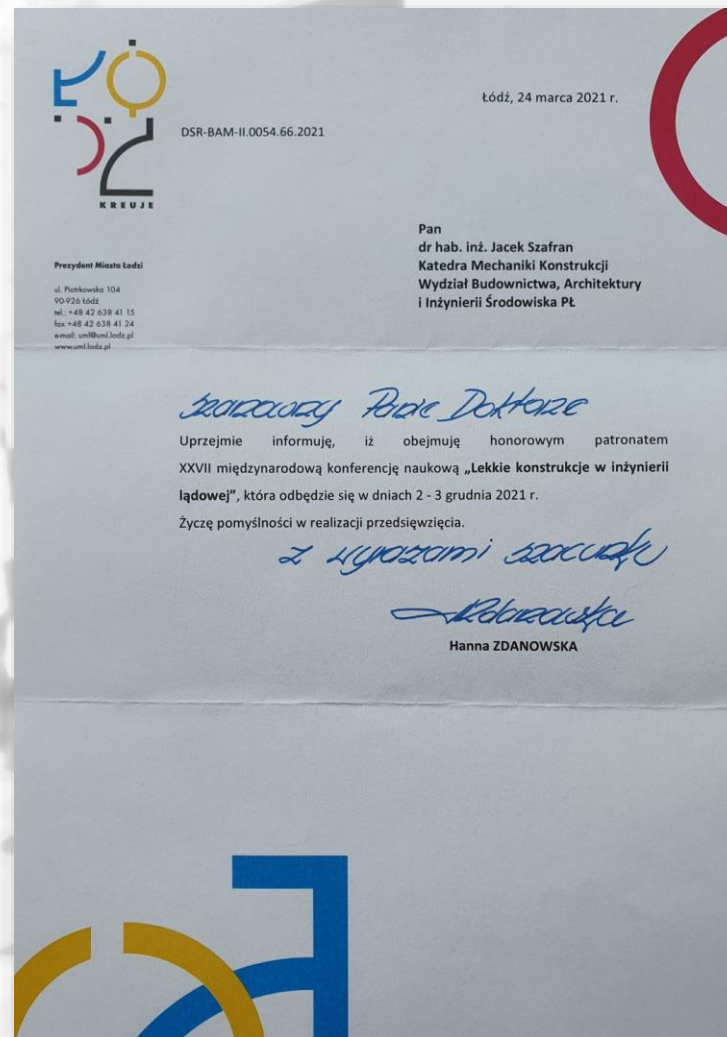
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Honorary patronage by  
The Mayor of the City of Łódź  
Hanna Zdanowska



MAYOR OF THE CITY OF LODZ  
HANNA ZDANOWSKA



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[www.lsce.pl](http://www.lsce.pl)  
[organizers@lsce.pl](mailto:organizers@lsce.pl)

