



64 Scientific Conference

of the Committee for Civil Engineering of the Polish Academy of Sciences

and the Science Committee of the Polish Association of Civil Engineers (PZITB)

Krynica Zdrój, 16-20.09.2018



Committee for Civil Engineering,
Polish Academy of Sciences



Science Committee,
Polish Association of Civil Engineers



Cracow University of Technology,
Faculty of Civil Engineering



Gdańsk University of Technology
Faculty of Civil
and Environmental Engineering

Problem session

Railroad engineering – challenges and opportunities

General session

Scientific problems of Civil Engineering

Organizers

Committee for Civil Engineering, Polish Academy of Sciences
Science Committee, Polish Association of Civil Engineers,
Cracow University of Technology, Faculty of Civil Engineering,
In cooperation with Gdańsk University of Technology, Faculty of Civil and Environmental Engineering.

Conference Venue

The conference will take place on September 16-20, 2018 in Krynica Zdrój.
The exact location of conference sessions and other events will be specified in the near future.

Scientific Committee

prof. Kazimierz FURTAK, Ph.D., D.Sc., Cracow University of Technology - Chairman
prof. Andrzej AJDUKIEWICZ, Ph.D., Silesian University of Technology
prof. Antoni BIEGUS, Ph.D., D.Sc., Wrocław University of Technology
prof. Andrzej M. BRANDT, Ph.D., D.Sc., Institute of Fundamental Technological Research PAS
prof. Lech CZARNECKI, Ph.D., D.Sc., Building Research Institute
prof. Stanisław GACA, Ph.D., D.Sc., Cracow University of Technology
prof. Dariusz GAWIN, Ph.D., D.Sc., Łódź University of Technology
prof. Marian GIŻEJOWSKI, Ph.D., D.Sc., Warsaw University of Technology
prof. Józef GŁOMB, Ph.D., D.Sc., Silesian University of Technology, member of CCE PAS
prof. Oleg KAPLIŃSKI, Ph.D., D.Sc., Poznań University of Technology
prof. Zbigniew KLEDYŃSKI, Ph.D., D.Sc., Warsaw University of Technology
prof. Michał KNAUFF, Ph.D., D.Sc., Warsaw University of Life Sciences
prof. Piotr KONDERLA, Ph.D., D.Sc., Wrocław University of Technology
prof. Aleksander KOZŁOWSKI, Ph.D., D.Sc., Rzeszów University of Technology
prof. Zbigniew LECHOWICZ, Ph.D., D.Sc., Warsaw University of Life Sciences
prof. Henryk NOWAK, Ph.D., D.Sc., Wrocław University of Technology
prof. Wojciech RADOMSKI, Ph.D., D.Sc., Warsaw University of Technology
prof. Leonard RUNKIEWICZ, Ph.D., D.Sc., Building Research Institute
prof. Anna SOBOTKA, Ph.D., D.Sc., AGH University of Science and Technology
prof. Antoni SZYDŁO, Ph.D., D.Sc., Wrocław University of Technology
prof. Jacek ŚLIWIŃSKI, Ph.D., D.Sc., Cracow University of Technology
prof. Piotr RADZISZEWSKI, Ph.D., D.Sc., Warsaw University of Technology
prof. Krzysztof WILDE, Ph.D., D.Sc., Gdańsk University of Technology
Anna HALICKA, Ph.D., D.Sc., prof. LUT, Lublin University of Technology
Maria KASZYŃSKA, Ph.D., D.Sc., prof. WPUT, West Pomeranian University of Technology
Wojciech KOSTECKI, Ph.D., D.Sc., prof. WUT, Wrocław University of Technology
Waldemar ŚWIDZIŃSKI, Ph.D., D.Sc., prof. IH, Institute of Hydroengineering PAS
Szczepan WOLIŃSKI, Ph.D., D.Sc., prof. RzUT, Rzeszów University of Technology

Steering Committee

Members of the Steering Committee will be presented in the second announcement.

Organizing Committee

Andrzej SZARATA, Ph.D., D.Sc., prof. CUT - chairman
Piotr KOZIOŁ, Ph.D., D.Sc.- vice chairman
Wojciech DROZD, Ph.D. - vice chairman
Marcin DYBA, Ph.D. - vice chairman
Ewelina MITERA-KIEŁBASA, M.Sc. – Conference secretary
Jarosław MALARA, Ph.D.
Michał PAZDANOWSKI, Ph.D.
Remigiusz WOJTAL, Ph.D.
Marcin KOWALIK, M.Sc.
Marek NOSEK, M.Sc.

Scope of the problem session

Railway engineering – challenges and opportunities

- Development of the railway infrastructure
- High-speed rail
- Engineering structures
- Environmental problems in rail transportation
- Statics and dynamics of rail tracks
- BIM (Building Information Modelling) in railways
- Tram infrastructure

Scope of the general section

Scientific problems of Civil Engineering

- Hydroengineering
- General building design
- Building physics
- Geotechnics
- Transportation engineering
- Building materials engineering
- Engineering of building enterprises
- Concrete structures
- Metal structures
- Mechanics of structures and materials

Information for sponsors

Time and space will be provided for sponsors during the Conference. Organizers offer the distribution of promotional materials during the Conference, an opportunity to deliver promotional lectures, information and exhibition booths, setup of advertising boards and poster stands. The organizers would like to invite the interested parties to financially support the conference. The list of Conference sponsors will be published on the conference web page and in Conference materials (conference program and announcements). Full information is available on the Conference web page www.krynica2018.pk.edu.pl

Accommodation and catering

Accommodation and catering are not included in the conference fee. The Conference participants arrange for accommodation on their own. A special price offer for the participants of the Conference will be prepared and negotiated in advance, regarding the accommodation at the hotel near the conference venue. Hotel name will be announced in the near future.

Conference fee

The conference fee covers participation in Conference sessions and other events, printed and electronic version of Conference proceedings and other materials related to the Conference.

Scope of participation	Early bird payment until March 5 th , 2018	Payment in full until June 29 th , 2018
Whole Conference	1200 zł + 23% VAT	1300 zł + 23% VAT
Whole Conference for a junior participant*	900 zł + 23% VAT	950 zł + 23% VAT
Whole Conference excluding Conference materials	900 zł + 23% VAT	950 zł + 23% VAT
Additional fee for second and each subsequent paper	400 zł + 23% VAT	450 zł + 23% VAT

* - a participant is considered junior, provided that he/she is a sole author of a paper accepted for print and he/she did not turn 35 until the first day of the Conference.

In the case of resignation on or before July 13th, 2018 the conference fee will be refunded in full. In the case of later resignation the conference fee will not be refunded, and Conference proceedings will be delivered via mail.

Bank account

Cracow University of Technology, ul. Warszawska 24, 31-155 Kraków

Alior bank, ul. Łopuszańska 38D, 02-232 Warszawa

IBAN: **PL09 2490 0005 0000 4600 1012 1826**

(with a note stating **Krynica2018** and **participant's first and last name**)

SWIFT: ALBPPLPW

Important dates

- **05.03.2018**
 - registration of participants and thematic scope of papers via the web page krynica2018.pk.edu.pl
 - delivery of the papers designated for the general session to Branch Science Committees of Polish Association of Civil Engineers (PZITB), according to the guidelines published on the web page of the conference krynica2018.pk.edu.pl (For Authors tab),
 - payment of the conference fee (early bird rebate),
- **30.03.2018**
 - delivery of the papers accepted by the Branch Science Committees of Polish Association of Civil Engineers (PZITB) to the Organizing Committee,
- **04.06.2018**
 - information on acceptance of papers for the general section,
- **11.06.2018**
 - submission of the revised version of paper to the Organizing Committee,
- **29.06.2018**
 - deadline for registration fee payment,
- **12.09.2018**
 - delivery of the slideshow presentation to the Organizing Committee.

Delivery and qualification of papers

The papers for the problem *section* are solicited per invitation only.

All papers prepared for the general sessions of the Conference will be reviewed in two stages. For the first stage, the Author delivers the paper to the appropriate Branch Science Committee of Polish Association of Civil Engineers (PZITB), according to the guidelines published on the web page of the Conference. The Scientific Committee of the Conference, in cooperation with the Steering Committee responsible for publishing of the Conference proceedings in the MATEC Web of Conferences, will perform the second review. The paper may be published, provided that the Author or one of the Co-authors pays the Conference fee in full no later than on June 29th, 2018.

Conference proceedings

Selected papers accepted for the problem section will be published in a monograph in Polish.

Organizers will try to publish the positively reviewed papers prepared in English, in **MATEC Web of Conferences (Scopus, 15 pts)**.

The Authors are kindly requested to prepare their papers in English, in formatting and style conforming to the requirements of this journal (krynica2018.pk.edu.pl) and select an alternative journal from the list below:

Archives of Civil Engineering (B list, 15 pts),
Technical Transactions (B list, 13 pts),
Acta Scientiarum Polonorum Architectura (B list, 11 pts),
Roads and Bridges-Drogi i Mosty (B list, 11 pts),
Przegląd Komunikacyjny (B list, 8 pts),
Inżynieria i Budownictwo (B list, 7 pts),
Drogownictwo (B list, 5 pts),
Przegląd Budowlany (B list, 5 pts),
Zeszyty Naukowo Techniczne Stowarzyszenia Inżynierów i Techników Komunikacji w Krakowie (B list, 5 pts).

In the case of papers in English an additional abstract in Polish is required. These abstracts will be printed as a separate Conference publication. The papers are to be prepared in formatting and style conforming to the guidelines listed on the Conference web page (krynica2018.pk.edu.pl), For Authors tab. The Organizer reserves the right to expand the list of Journals. The most up to date information will be published on the Conference web page.

Registration of participants

Registration of papers and Conference participants will be available via the web page of the Conference and the registration form available at the web page krynica2018.pk.edu.pl

Address for Correspondence

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