

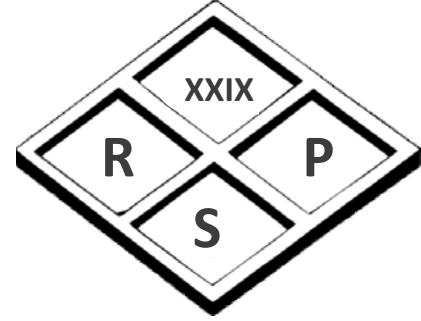
RPS Seminar TFoCE Wrocław 2020

XXIX Russian-Polish-Slovak Seminar

Theoretical Foundation of Civil Engineering

Wrocław, November – December 2020

<https://rsp2020.pwr.edu.pl/>



Wrocław University
of Science and Technology

*The manuscripts are available on <https://rsp2020.pwr.edu.pl/> from **30-11-2020** till **04-12-2020***

CONFERENCE MEETING 04-12-2020

Opening session

09.00-09.10 Wrocław University of Science and Technology - **Prof. Zbigniew Wójcicki**

09.10-09.15 Wrocław University of Science and Technology - **Prof. Danuta Bryja**, Dean of Faculty of Civil Engineering

09.15-09.25 Moscow State University of Civil Engineering - **Prof. Vladimir Andreev**

09.25-09.35 University of Zilina - **Prof. Marian Drusa**

09.35-09.45 Samara State University of Architecture and Civil Engineering - **Dr. Alexander Pishulev**

09.45-09.55 Warsaw University of Technology - **Prof. Stanisław Jemioło**

09.55-10.00 Wrocław University of Science and Technology - **Dr. Jacek Grosel**, chair of local organizing committee

Plenary session

10.00-10.20 **Hubert Anysz**, Warsaw University of Technology, Long Short-Term Memory (LSTM) Neural Networks in Predicting Fair Price Level in the Road Construction Industry, POLAND

10.20-10.40 *Coffee break*

Session 1 Structural Mechanics

Co-chairman: Prof. S. Jemioło (WARSAW), Dr. J. Grosel (WROCLAW)

10.40-10.50 **Vladimir Andreev**, Calculation of an inhomogeneous polymer thick-walled cylindrical shell taking into account creep under the action of temperature load, MOSCOW

10.50-11.00 **Zbigniew Wójcicki**, First and second order sensitivity analysis of discontinuous parametric periodic systems, WROCLAW

11.00-11.15 discussion about the all articles from the session No 1

Session 2 Building Structures

Co-chairman: Prof. Z. Wójcicki (WROCLAW), Prof. P. Koteš (ZYLINA)

11.15-11.25 **Vadim Alpatov**, Using COSMOSWORKS abilities in construction glass strength research, SAMARA

11.25-11.35 **Alexander Pishulev**, Experimental Investigation of Reinforced Concrete Beams Using Post-Tension, SAMARA

11.35-11.50 discussion about the all articles from the session No 2

Session 3 Geodesy and Geotechnics

Co-chairman: Dr. A. Seidlová (ZYLINA), Dr. J. Grosel (WROCLAW)

11.50-12.00 Zaven G. Ter-Martirosyan, Interaction of compressible barrette with surrounding soil and raft, MOSCOW

12.00-12.10 Armen Ter-Martirosyan, Predicting the settlement of foundation bases taking into account induced anisotropy, MOSCOW

12.10-12.25 discussion about the all articles from the session No 3

Session 4 Building materials, Technologies, Organization and Management in Construction

Co-chairman: Prof. T. Matseevich (MOSCOW), Prof. M. Krzemiński (WARSAW)

12.25-12.35 Lubos Remek, Construction Price Assessment Method Based on Inferential Statistics, ZYLINA

12.35-12.45 Janka Šestáková, Diagnostics Data in the Framework of Railway Tracks Maintenance, ZYLINA

12.45-13.00 discussion about the all articles from the session No 4

13.00-13.15 Coffee break

Session 5 Transport and Environmental Issues in Civil Engineering

Co-chairman: Dr. M. Podworna (WROCLAW), Dr. V. Alpatov (SAMARA)

13.15-13.25 Marek Drličiak, Modal split analysis through the traffic volumes, ZYLINA

13.25-13.35 discussion about the all articles from the session No 5

Plenary session

13.25-14.00 Final discussion & closing of the seminar

Chairman: Prof. V. Andreev (MOSCOW),

Co-chairman: Prof. S. Jemioło (WARSAW), Prof. Z. Wójcicki (WROCLAW),



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- Dr. Aleksey Solov'yev, PhD, SamSTU



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