

9th INTERNATIONAL CONFERENCE ON CONTEMPORARY PROBLEMS
OF ARCHITECTURE AND CONSTRUCTION
13-18 September, 2017, Batumi, Georgia
PROGRAM STRUCTURE

Shota Rustaveli Batumi State University 10.00-11.00 11.00-12.30 13.00-14.30	THURSDAY, SEPTEMBER 14, 2017 Registration of participants Opening of the conference, welcome speeches Lunch
Shota Rustaveli Batumi State University Technological Faculty (auditorium 202) 15.00-18.30	SESSION 1Hydraulic Facilities Engineering; Civil Engineering, sustainable construction, materials CO-CHAIRMAN: David Gurgenidze, Chengzhi Qi Analysis of crack formation and seepage into the foundationof the Enguri HPP dam <i>M. A. Kalabegishvili, M.A. Sadunishvili Georgian Technical University, Tbilisi, Georgia</i> Analysisof dynamicresponceofin- servicehighspeedrailwaytunnelwithcavitydefectsi nlining <i>Jun Dong[*] , Yonggang Wang, Dongqing Li, Ren Ren, Chao Wang Beijing University of Civil Engineering and Architecture, China.</i> Stress analysis of the key parts in the cantilever construction processof Large scale cable stayed bridgetower <i>Liyang ZHANG¹, Jun DONG^{1*}, Hongzhan SHI¹, ShunchangMA¹, ChunguangREN²</i>

*Beijing University of Civil Engineering and Architecture,
China*

**Study on construction and control of large
volume concrete in super-large cantilever
concrete pylon**

Hongzhan SHI¹, Jun DONG^{1}, Xuejian XIANG²
Dianyuan LIU², Chunguang REN³*

*Beijing University of Civil Engineering and Architecture,
China*

**Research on key technology of super-large
cantilever concrete tower construction of large
cable stayed bridge**

Hongzhan SHI¹, Jun DONG^{1}, Xuejian XIANG²
Dianyuan LIU², Chunguang REN³*

*Beijing University of Civil Engineering and Architecture,
China*

**Study on seismic dynamic response of super-
large cantilever concrete pylon structure of large
cable-stayed bridge**

Jun DONG^{1}, Hongzhan SHI¹, Xuejian XIANG²
Dianyuan LIU², Bo LI³*

*Beijing University of Civil Engineering and Architecture,
China*

**Performance of Self-centering Steel Frames with
Intermediate Columns Containing Friction
Dampers under High-magnitude Seismic Actions**

Yanxia Zhang¹, Hexin Zhang², Anran Liu², YanWang²

*Beijing University of Civil Engineering and Architecture,
China*

**Study on seismic dynamic response of super-
large cantilever concrete pylon structure of large
cable-stayed bridge**

Jun DONG^{1}, Hongzhan SHI¹, Xuejian XIANG²
Dianyuan LIU², Bo LI³*

Beijing University of Civil Engineering and Architecture,

China

Study on the vibration response of the existing high speed railway tunnel with cavity defects in lining

Chao Wang¹ Jun Dong^{1a} Dongqing Li¹ Ren Ren¹ Yonggang Wang¹
Beijing University of Civil Engineering and Architecture, China*

Experimental study on the effects of crack width and depth on the chloride penetration of concrete

Jianfu Yu¹; Jun Dong^{2}; Chunxiang Kang¹
Beijing University of Civil Engineering and Architecture, China.*

Study on settlement and displacement of adjacent buildings of excavations to corner effect

Weihaio WANG¹, Jun DONG^{2}, Jianrong PANG¹
Beijing University of Civil Engineering and Architecture, China*

Experimentale study on mechanical behavior of new type steel-timber composite beam

Guosong SHI¹, Jun DONG^{2}, Huifang CHEN¹
Beijing University of Civil Engineering and Architecture, China.*

Study on transition stage of nonlinear vibration of underground strucrure under vertical seismic action

*Siran Shen , Chengzhi Qi , Yunpeng Guo
Beijing University of Civil Engineering and Architecture, China;*

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	<p>The relationship between the fracture toughness and loading rate of rock-like materials <i>Hongsen Wang, Chengzhi Qi, Qinglei Li, Huating Zhu</i> <i>Beijing University of Civil Engineering and Architecture, China</i></p>
<p>Shota Rustaveli Batumi State University</p> <p>Technological Faculty (auditorium 204) 15.00-18.30</p>	<p>SESSION 2 ENVIRONMENTAL ENGINEERING, TRANSPORT PROBLEMS CO-CHAIRMAN: Jarosław Rajczyk, Sergey Evtyukov</p> <p>THE HYDRAULIC JUMP IN A CLOSED LINE <i>Albert Ya.Margaryan¹, Mariana P.Hakobyan^{2*}, Armine A. Gevorgyan¹</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p> <p>UNIFORM STATIONARY LAMINAR MOTION OF VISCOUS FLUID IN OPEN CHANNELS <i>Arestak A. Sarukhanyan</i> <i>National University of Architecture and Constriction of Armenia, Yerevan, Armenia</i></p> <p>THE FORCAST OF GROUNDWATER LEVEL UNDER INFLUENCE OF NATURAL AND ARTIFICIAL FACTORS OF STRUCTURES AND AREAS <i>Emil Khachatryan¹, Artur Khachatryan^{1*}, Gevorg Hakobyan¹</i> <i>National University of Architecture and Constriction of Armenia, Yerevan, Armenia</i></p>

**PROBLEMS OF CONSERVATION AND
USAGE OF WILD GREENS AND WAYS OF
THEIR SOLUTION IN ARMENIA**

Rafik H.Yedoyan¹, Tatevik V.Yedoyan^{2}*

¹Vanadzor State University, Vanadzor, Armenia,

*²National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**Study of Oscillations Damping Processes in
Vibrating Construction Machines**

Sergey Repin, Sergey Evtyukov

*Saint Petersburg State University of Architecture and
Civil Engineering, Saint Petersburg, Russian Federation*

**New technical possibilities for enhancing the
quality of architecture – material processing
technology by water cutting**

Jarosław Rajczyk

*Czestochowa University of Technology, Czestochowa,
Poland*

**University as a driving force for implementation
of the territories' development strategy (in the
case of Ekaterinburg and the Ural Federal
University)**

Viola Larionova, Natalia Stepanova

Ural Federal University (UrFU), Ekaterinburg, Russia

**Legal Problems of Providing Transport
Accessibility of Social Infrastructure Facilities
for Emergency Response Services in the
Transportation Security System**

Dmitry Ivanov

*Saint Petersburg State University of Architecture and
Civil Engineering, Saint Petersburg, Russian
Federation,*

	<p>The combined method of phosphorus removal from municipal wastewater <i>G. Ambrosova, E. Matyushenko, A. Funk</i> <i>Novosibirsk State University of Architecture and Civil Engineering (Sibstrin), Novosibirsk, Russian Federation</i></p> <p>Exploration the possibility of using oil production waste in construction <i>Nana Dondoladze</i> <i>Batumi Shota Rustaveli State University, Batumi, Georgia</i></p>
<p>Shota Rustaveli Batumi State University</p> <p>Technological Faculty (auditorium 302)</p> <p>15.00-18.30</p>	<p>SESSION 3 PROBLEMS OF ARCHITECTURE CO-CHAIRMAN: Yuri A. Safaryan, Nino Imndaze</p> <p>The concept of systems with the multitiered circular organization of functional flows <i>Ashot Yu. Safaryan, Yuri A. Safaryan</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p> <p>Architectural-planning issues of organization of open spaces in historical city of Gyumri <i>Artyom A. Aloyan¹, Tatev R. Kartashyan</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p> <p>Elements of capitals' order system in the architecture of the ancient artashat <i>Aminia Kanetsyan</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p>

	<p>Trends of development of residential buildings in Armenia in the new social and economic formation <i>Emilia M. Sargsyan, Viktoria P. Voskanyan</i> <i>National University of Architecture and Construction of Armenia</i></p> <p>The preservation issues of the historical and architectural environment of Tigranakert in Artsakh <i>Lyuba Kirakosyan</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p> <p>Total energy balance of windows in dependence on their structural design <i>Iveta Skotnicova*, Lenka Lausova</i> <i>VŠB-Technical University of Ostrava, Ostrava, Czech Republic</i></p> <p>Initiatives towards improvement in energy performance in the Polish construction sector <i>Lucjan Kurzak</i> <i>Czestochowa University of Technology, Poland</i></p>
<p>Shota Rustaveli Batumi State University</p> <p>Technological Faculty (auditorium 202)</p> <p>10.00-13.00</p>	<p>Friday, September 15, 2017</p> <p>SESSION 1 Civil Engineering, sustainable construction, materials</p> <p>CO-CHAIRMAN: Tigran Dadayan, Gela Kipiani</p> <p>Dynamic Analysis of Tunnel Crossing soil-rock Boundary under Different Water Pressure <i>Li Qinglei, Qi Chengzhi, Wang Hongsen, Liu Yingqi</i> <i>Beijing University of Civil Engineering and Architecture, China;</i></p>

Geometry of sacral buildings

Aleksandra Repelewic¹

Czestochowa University of Technology Poland

Innovative methods of strengthening the timber constructions

*Marlena Rajczyk, Damian Jo czyk, Bartłomiej Stacheck
Czestochowa University of Technology, Poland*

New construction and architectural solutions for circular houses for the needs of humanitarian and emergency capacity building projects

*Marlena Rajczyk, Paweł Rajczyk, Vedna Ramzaha¹ Artur Kiowski, Marcin Guzik
Czestochowa University of Technology, Czestochowa, Poland*

Forming of contemporary social Housing estates – chosen issues

*Mariusz Zadworny
Czestochowa University of Technology, Poland*

Experimental verification of hypothetical strength theory for gravel soils

*Anatoly Mirnyy, Armen Ter-Martirosyan
MSUCE, RUSSIA*

On one mixed boundary problem for an elastic exponentially nonhomogeneous by depth layer at antiplane deformation

*Siranush Avetisyan, Nune Grigoryan, Mger Mkrtchyan
National University of Architecture and Construction, Yerevan, Armenia*

Contact problems on interaction of thin-walled elements with an elastic layer under torsion

*Zaven A. Davtyan, Anush V. Gasparyan¹, Shakespeare A. Knyazyan
National University of Architecture and Construction of Armenia, Yerevan, Armenia*

**On water resistance of plastering mortars of
"Tatev" monastic complex and "govhar-agma"
mosques in Shushi**

Gagik Sh. Galstyan, Avetik A. Arzumanyan, Hovsep A. Hoveyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**On a class of mixed boundary-value problems of
continuum mechanics solvable by the integral
equations method**

Marine S. Grigoryan, Vardges H. Yedoyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**The role and importance of drainage systems in
the reconstruction of damaged headwalls**

*Vardges. I. Grigoryan, Ashot B. Grigoryan, Vahan
V. Grigoryan*

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**On determination of velocities of transverse
seismic vibrations of soil particles in strong
earthquakes**

Eduard E. Khachiyani, Levon A. Levonian

*National University of Architecture and
Construction of Armenia, Yerevan, Armenia*

**Method of rectangular finite elements with
quadratic law of variation of components'
displacements along the circuit for solving plane
problems of Cosserat theory of elasticity**

Narine Pirumyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

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<p>13.00-14.30</p>	<p>Safety and Reliability Evaluation of Ancient Wood Structure Based on Dynamic Method <i>Xiufang Wang^{1a}, Mingcong Gao^{2c}, JunDong^{2b*}</i> <i>Beijing University of Civil engineering and Architecture, China</i></p> <p>Lunch</p>
<p>Shota Rustaveli Batumi State University</p> <p>Technological Faculty (auditorium 202)</p> <p>15.00-18.30</p>	<p>SESSION 1 Civil Engineering, sustainable construction, materials co-Chairman: Malkhaz Bediashvili, Armen Ter-Martirosyan</p> <p>STUDY OF ANNULAR SLABS USING HERMITE'S FUNCTIONS <i>Poghosyan Manvel, Grigoryan Armine, Khalatyan Sargis</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p> <p>ON INTERACTION OF CRACK TYPE STRESS CONCENTRATORS IN AN ELASTIC PLATE AND AN ABSOLUTELY RIGID THIN INCLUSION INDENTED INTO THE PLATE TAKING INTO CONSIDERATION THEIR ADHESION <i>Eghine Kanetsyan, Musheg Mkrtchyan, Suren Mkhitaryan</i> <i>National University of Architecture and Construction of Armenia, Yerevan, Armenia</i></p> <p>PROSPECTS OF NANOTECHNOLOGIES DEVELOPMENT OF CELLULAR GLASSES PRODUCTION ON THE BASIS OF VOLCANIC GLASS AND OTHER SILICATE</p>

ROCKS OF ARMENIA

Artavazd A.Arzumanyan, Emma R.Sahakyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**PROSPECTS OF NANOTECHNOLOGIES
DEVELOPMENT OF CELLULAR GLASSES
PRODUCTION ON THE BASIS OF
VOLCANIC GLASS AND OTHER SILICATE
ROCKS OF ARMENIA**

Artavazd A.Arzumanyan, Emma R.Sahakyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**HEALTH MONITORING OF SEISMIC
ISOLATED BUILDINGS**

Artashes Sargsyan, Sargis Stepanyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**THE STUDY OF CRACK PROPAGATION IN
THE BODY OF CONSTRUCTION USING THE
METHOD OF SECTIONS**

Gevorg V. Ter-Petrosyan

*National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**BUILDING INFORMATION MODELING
FOR EXISTING RESIDENTIAL BUILDINGS
IN ARMENIA**

Marine Ghazaryan, Mher Markosyan

*National University of Architecture and Construction of
Yerevan, Armenia*

**THE USE OF MODERN ENGINEERING
DECISIONS IN BUILDINGS FOR DISASTER
RISK REDUCTION**

Guram Gabrichidze, Elguja Medzmariashvili, Gaioz

Partskhaladze, Gocha Chavleshvili

Georgian National Academy, Tbilisi, Georgia.

International regulation of construction development

Nino Zurashvili

IV. Javakhishvili Tbilisi State University, Georgia

The development of practical methods for the calculation of thin-walled rod systems

Paata Geradze, Parmen Kipiani, Malkhaz Dograshvili

Akaki Tsereteli State University, Kutaisi, Georgia

The first limit state at thermomechanical loading

Elguja Minadze, Omar Kikvidze

Akaki Tsereteli State University, Kutaisi, Georgia

Rational technology for collecting spent regeneration solution of cation exchangers and its reuse.

Zurab Megrelishvili

Batumi Shota Rustaveli State University, Batumi,

Georgia.

The Calculation of the Retaining Wall Lying on the Pressure Base

Teimuraz Kikava

Professor of Batumi Shota Rustaveli State University

Structural and architectural design in conditions of the complex topography of Georgia

Johni Gigineishvili, Igor Timchenko

Progresi Ltd. Engineering Center, Tbilisi, Georgia

Current problems and application prospects of different types of composite reinforcement basalt-plastic rebars for concrete and for strengthening of structures

Joni Gigineishvili, Igor Timchenko, David Gigineishvili

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	<p><i>‘Progresi’ Ltd Engineering Center, Tbilisi, Georgia</i></p> <p>Numerical Modeling of Ventilation Flow Distribution in Subway Tunnels with Considering of the Piston Effect <i>Omar Lanchava, Giorgi Nozadze, Zaza Khokerashvili</i> <i>Georgian Technical University, Tbilisi, Georgia</i></p>
<p>Shota Rustaveli Batumi State University</p> <p>Technological Faculty (auditorium 305) 15.00-18.30</p>	<p>SESSION 4 Engineering Sciences and Analysis, co-Chairman: Lusine Karapetyan, Johni Gigineishvili</p> <p>Illustrated construction explanatory dictionary and its influence on the development of Georgian construction culture <i>Levan Klimiashvili, Tamaz Khmelidze, David Gurgenidze, Kakhaber Khmelidze</i> <i>Georgian Technical University, Tbilisi, Georgia</i></p> <p>The role of urban logistics in the development of south Georgian tourism and recreation cluster <i>T.K. Khoshtaria, N.T. Chachava</i> <i>Georgian Technical University, Tbilisi, Georgia</i></p> <p>Several Features of Building Reconstruction <i>L. Balanchivadze, I. Chanturia</i> <i>Georgian Technical University</i></p> <p>Drivers of the Growth of the Russian Construction Sector <i>Galina Tokunova, Svetlana Golovina</i> <i>Saint Petersburg State University of Architecture and Civil Engineering, Saint Petersburg, Russian Federation</i></p> <p>Solving problems of major repair of large-panel</p>

building external walls

*Evgeny Smirnov, Evgeny Shestеров, Irina Drozdova
Saint Petersburg State University of Architecture
and Civil Engineering, Saint Petersburg, Russian
Federation*

**Tendencies of the Development of Historical
Cities Taking Into Account Identification
Characteristics of the Established Urban
Environment**

*Fedor Perov, Aleksandr Panin
Saint Petersburg State University of Architecture and
Civil Engineering, Saint Petersburg, Russian Federation*

**ERVAND KOCHAR'S RELATIONS
WITH GEORGIAN ARTISTS AS
REFLECTED IN THE CONTEXT OF
ARCHITECTURAL MODERNIZATION OF
ERVAND KOCHAR MUSEUM**

*Karine Kochar
National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**TRADITIONS AND INNOVATION IN THE
ARCHITECTURE OF VASILI MIRZOYAN'S
RELIGIOUS STRUCTURES**

*Marietta Gasparyan
National University of Architecture and Construction of
Armenia, Yerevan, Armenia*

**DEVELOPMENT OF ENGINEERING
METHODS FOR CALCULATING
COMBINED PILE-RAFT FOUNDATION
(CPRF)**

*Vyacheslav Efimov, Anatoliy Osokin, Lidiya
Kondratieva
Saint Petersburg State University of Architecture and
Civil Engineering, Saint Petersburg, Russian Federation*

**FABRICS STRUCTURE AND ITS
REINFORCING EFFICIENCY IN
COMPOSITE “TEXTILE-CONCRETE”**

Tamar Moseshvili

Akaki Tsereteli State University, Kutaisi, Georgia

**INTERACTIVE ACCULTURATION AND
POST-COLONIAL CONSTRUCTION OF
URBAN IMMIGRANTS’ CULTURAL
IDENTITY: VANUATU AS A CASE STUDY**

Xuan Wu

*Beijing Higher Institution Engineering Research Centre
of Structural Engineering and New Materials, Beijing
University of Civil Engineering and Architecture,
Beijing100044,China.*

**ON CONTEMPORARY CONNOTATION
OFBEIJING TRADITIONAL
ARCHITECTURAL CULTURE**

LIANG XU

*Beijing University of Civil Engineering and Architecture,
Beijing, P. R. China*

**STUDY ON SEISMIC RESPONSE OF
CANTILEVER STRUCTURE IN
CONSTRUCTION OF LARGE CABLE
STAYED BRIDGE PYLON**

Bowen ZHANG, Jun DONG, Hongzhan SHI,
Dianyuan LIU, Xuejian XIANG

*Beijing Higher Institution Engineering Research Center
of Structural Engineering and New Materials, Beijing
University of Civil Engineering and Architecture*

**STUDY ON TRANSITION STAGE OF
NONLINEARVIBRATION OF
UNDERGROUND STRUCRURE
UNDERVERTICAL SEISMIC ACTION**

Siran She, Chengzhi Qi, Yunpeng Guo

Beijing Higher Institution Engineering Research Center

13-18 September, 2017, Batumi, Georgia

Bearing capacity calculation of shear wall based on Artificial neural network system

Experimental Investigation on the Punching Capacity of Recycled Concrete Two-way Slabs Strengthened with CFRP Laminates

09.00-14.00

Saturday, September 16, 2017

Introduction of historical architectural and cultural heritage of Adjara

Visit in following destinations:

1. Botanical garden
2. Dolphinarium
3. Archeological museum
4. Ethnographic museum

14.30

Lunch

Sea beach

Shota

Sunday, September 17, 2017

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Rustaveli Batumi State University	
10.00-13.00	Plenary session, summary of conference, decision on the venue of the next 10-th conference, conference closing ceremony
14.00	Lunch Sea beach
18.00	Banquette

Honorary Committee

- **Prof. Merab Khalvashi**, Rector of Batumi Shota Rustaveli State University, Georgia
- **Doctor of science (engineering), Prof. [Gagik Galstyan](#)**, Rector of National University of Architecture and Construction of Armenia, Armenia
- **Prof. Zhang Ailin**, Rector of Beijing University of Civil Engineering and Construction, China
- **Prof. Maria [Nowicka-Skowron](#)**, Rector of Czestochowa University of Technology, Poland
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- **Prof. [Luigi Dei](#)**, Rector of University of Florence, Italy
- **Doctor of science (engineering), Prof. Gela Kipiani**, President of NGO "Progress in Education and Science" Georgia

International Scientific Committee

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- **Doctor of science (engineering), Prof. Gocha Chavleshvili**, Batumi Shota Rustaveli State University, Georgia
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- **Doctor of science (engineering), Prof. Gela Kipiani**, Georgian Aviation University, Georgia

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ARMENIA

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- **Doctor of science (engineering), Prof. Tygran Dadayan,** National University of Architecture and Construction of Armenia
- **PhD (mathematics), Associate Prof. Vardges Edoyan,** National University of Architecture and Construction of Armenia

CHINA

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- **Prof. Li Aiqun** Beijing University of Civil Engineering and Architecture
- **Prof. Qi Chengzhi,** Beijing University of Civil Engineering and Architecture
- **Prof. Qi Jilin,** Beijing University of Civil Engineering and Architecture

POLAND

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- **Doctor of science (engineering), Prof. Marlena Rajczyk,** Czestochowa University of Technology
- **Doctor of science (engineering), Prof. Jaroslaw Rajczyk,** Czestochowa University of Technology
- **Dr.Hab. (engineering), Prof. Maceij Major,** Czestochowa University of Technology

RUSSIA

- **Doctor of science (economics), Prof.Evgeny Rybnov,** St. Petersburg State University of Architecture and Civil Engineering
- **Doctor of science (economics), Prof.[Evgeny Smirnov](#),** St. Petersburg State University of Architecture and Civil Engineering,
- **Doctor of science (engineering) Sergei Evtyukov,** St. Petersburg State University of Architecture and Civil Engineering
- **Doctor of science (engineering), Prof. Albert Ya. Bashkarev,** Peter the Great St. Petersburg Polytechnic University
- **Doctor of science (engineering) Lidia Kondratyeva,** St. Petersburg State University of Architecture and Civil Engineering

CZECH REPUBLIC

- **Ph.D, Prof.Darja Kube ková,** VŠB – Technical University of Ostrava
- **Ph.D (engineering), prof. Radim ajka,** VŠB - Technical University of Ostrava
- **Ph.D (engineering), prof. Martin Krejsa,** VŠB - Technical University of Ostrava
-

ITALY

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- **Ph.D, Prof. [Stefano Bertocci](#)**, University of Florence
- **Ph.D, Prof. [Paola Puma](#)**, University of Florence
- **Ph.D, Prof. [Francesco Collotti](#)**, University of Florence

USA

- **Ph.D [Mark Grigorian](#)**, MGA, Structural Engineering Consultants inc.
- **Ph.D in Civil and Environment Engineering, Prof. [Ali Maher](#)**, Rutgers, the State University of New Jersey, CAIT
- **PhD, Prof. Nenad Gucunski**, Department of Civil and Environmental Engineering, Rutgers University

UKRAINE

- **Doctor of technical sciences, prof. Vitali Ploski**, Kyiv National University of Construction and Architecture
- **Doctor of technical sciences, prof. Alexander Gorodetski**. Kyiv National University of Construction and Architecture
- **Doctor of technical sciences, prof. Maria Barabash**. National Aviation University, LIRA SAPR.

CANADA

- **Doctor of science (engineering). Prof. Ardeshir Guran** Institute of Structronics, Ottawa

AUSTRALIA

- **Ph.D Martin Mamoun Kanan, John Holland Group**, Regional Engineering Manager - Infrastructure & Buildings, Pyrmont.
-

Organizing Committee

Georgia

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ARMENIA

- **Doctor of science (engineering), Prof. Gagik Galstyan**, National University of Architecture and Construction of Armenia
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- **Ph.D in Engineering Narine Pirumyan**, National University of Architecture and Construction of Armenia
- **MBA, Marine Ghazaryan**, National University of Architecture and Construction of Armenia

CHINA

- **Prof. Chengzhi Qi**, Msc. Beijing University of Civil Engineering and Architecture

CZECH REPUBLIC

- **Ph.D, Prof. Darja Kubešková** Msc. Phd, VSB -Technical University of Ostrava

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- **Doctor of science (engineering), Prof. Jaroslaw Rajczyk**, Czestochowa University of Technology
- **Doctor of science (engineering), Prof. Lucjan Kurzak**, Czestochowa University of Technology

RUSSIA

- **Doctor of science (economics), Prof. Evgeny Smirnov**, St. Petersburg State University of Architecture and Civil Engineering

ITALY

- **Prof. Maria Teresa Bartoli**, University of Florence
- **Ph.D, Prof. Stefano Bertocci**, University of Florence
- **Ph.D, Prof. Paola Puma**, University of Florence