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II International Conference Seismic – 2018



Conference title

Problems of Earthquake Resistance in Cultural Heritage Monuments Protection and Civil Engineering

Georgia, Tbilisi

Honorary Committee

Proclamation download >>>

PROCLAMATION



Dear Community of Civil Engineers, Dear Colleagues,

Civil engineering belongs to the oldest domains of human activity – its history is as long as the history of civilization. The social role of civil engineering in the development of mankind has always been of fundamental importance because the standard of human file has been so highly dependent on its progress. This can be observed from the beginning of human history up to the present day. Civil engineering deals with all aspects of the built environment [either physical or natural] and can be dated to the first this ensomene placed a root over his or the redor of laid to the runk across a river to make it easier to get across. And we can be confident that the role of civil engineering will continue to grow into the future.

Civil engineering as a domain of technological activity is a key element of the national and international economy. Economic progress is impossible without adequately developed social and physical infrastructure, including, for example, buildings, water distribution networks, and service and transport infrastructure networks.

Contemporary achievements, and service and mappen introduced networks.

Contemporary achievements of civil engineering, thanks to the progress of building knowledge and science, are spectacular. This is exemplified by numerous tall buildings, dams, large bridge structures, water infrastructure, motorways, sport stadiums and halls, theater houses, etc., constructed in the last decodes and strongly influencing urban and extraorban areas and landscapes. On the other hand, we should also note less spectacular but equally important achievements for social and economic reasons, such as residential buildings, smaller bridges, roads, industrial buildings, etc. The first field can be considered as estroordinary examples of civil engineering, illustring its sepecially high level of chievement, while the second one can be considered as 'the work of the day' of civil engineers. Both of them are equally important.

The social, economic and cultural progress of every country is impossible without the contribution of civil engineers, based on their education, professional knowledge and experience. The impacts of their activity can be evidently observed in the form of buildings and structures of various types. Civil engineers are in general socially accepted or in many cases admired. In spite of its dynamic development and its very considerable modern achievements, civil engineering is commonly treated as a rather traditional domain of technology. This situation can be observed in many countries world-wide including in Europe.

However, the reality is that the role of civil engineers in advancing social, economic and cultural progress is especially high. Moreover, civil engineering is a profession that enjoys the highest level of public confidence. Civil engineers are ultimately responsible for the social culturation of buildings and structures. This is an especially important and often forgaten aspect of the social role of civil engineers. Apart from their technological activities, civil engineers does increasingly consider the social effects of engineering decisions. To meet this condition, civil engineers continue to widen their knowledge of the economic and social sciences.

Ultimately, civil engineering is a very exciting profession. At the end of the day civil engineers can see the results of their work, whether this is a completed bridge, a part, a high-rise building, a subway station, a tunnel, a highway, a hydroelectric down or even a small house.

Inspirelecting dam or even a small house.

Looking by the future, the civil engineering profession will play a fundamental role in dealing with many of the challenges that society will from the world is becoming increasingly and relentlessly urbanized and this is bringing with it unprecedented social, economic and environmental stresses. Added to this will be the impacts of climate change and environmental degradation. While all suspects of evil engineering will be put to the test, there will be a particular focus on the control of the profession, energy and valver. Cut/l engineers will be tasked with providing infrastructure which is both sustainable and resilient to address these challenges.

The profession will also be challenged to proactively address the opportunities and efficiencies which will be brought about by the digital revolution, also known as the fourth industrial revolution. Digital technology will drive increasing auto-

29.06.2018-2.07.2018

- **Mr. luri Svanidze M.ASCE** ECCE ExBo Member, President of Georgian Society of Civil Engineers (GSCE)
- **Mr.** Wlodzimierz Szymczak Acting President of European Council of Civil Engineers (ECCE)
- **Mr. Alfonso Gonzalez Fernandez** President of World Council of Civil Engineers (WCCE)

- **Academician, Mr. Giorgi Kvesitadze** President of Georgian National Academy of Sciences (GNAS)
 - **Dr. Kenneth D.Walsh** Dean of San Diego State University Georgia (SDSU)
- **Mr. Nikoloz Antidze** Director General Of National Agency for Cultural Heritage Preservation of Georgia
 - Prof. Gela Kipiani President of NGO "Progress in Education and Science" Georgia

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Dear Colleague,

Due to your recognized research and reputation in the area of civil engineering, the Organizing Committee of the II International Conference: Problems of Earthquake Resistance in Cultural Heritage Monuments Protection and Civil Engineering June 29- July 02.

List of Sections:

- Seismic resistance of construction mechanisms and structures
- Seismic resistance of hydraulic structures
- Seismic resistance of roads ,bridges and tunnels
- Buildings designing and constructions considering seismic impacts
- Rehabilitation of cultural monuments
- Constructions Economics and management

The Programme of the Conference includes plenary lectures (45m), invited lectures (45m), reports at sessions (20m), special sessions (20m), poster session. And social/ networking events.

Papers for the Proceedings: PROCEEDINGS (in a book form) of only refereed papers (up to 8 pages for contributed talks and up to 12 pages for key lectures) will be published. Each paper publication must be covered by separate registration fee.

Conference Location: Georgian National Academy of science, Tbilisi, Georgia

Contact Address: Tbilisi, Shota Rustaveli ave. 52; 0108

Conference E-mail: Seismic problems@gmail.com

Chairman: Mr. Iuri Svanidze, E-mail: Iurisvanidze@gmail.com

Co-Chairman: Dr. Kenneth D.Walsh

E-mail: kwalsh@mail.sdsu.edu

Co-Chairman: Prof. Gela Kipiani

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Conference Secretary: Salome Kilanava

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Conference Fee: The conference fee covers a reception, an excursion, welcome party, conference dinner, a volume with the abstracts, the expenses for publishing of the submitted paper and some other materials. It is for: Non-students: 350 EURO; Students: 100 EURO; Accompanying person: 100 EURO.
Deadlines:
Deadline for registration: 10 March, 2018
Deadline for abstract submissions: 15 March, 2018
Notification of acceptance: 15 May, 2018
Deadline for submissions of the full paper: May 15, 2018

Notification of acceptance of the full paper: May 15, 2018

Conference Overview:

Evening Welcome Reception: 29 June 2018

Conference Presentation Days: 30 June - 1 July 2018

Conference Dinner: 1 July 2018

Optional Tours: 2 July 2018

REGISTRATION FEE

Early Bird Fee

Last Updated Saturday, 17 February 2018 13:23
Fee A: Oral presentation e poster (author N 1)
€ 350
Fee B:□ Students and PhD. Students
ree B. Students and PhD. Students
€ 100
Fee C: Publishing only
€ 100

Fee E:	Participant	without	paper

€ 100

Fee F: Accompanying persons

€ 100

Registration fee to the Conference includes

- publication in paper and electronic form,
- meals,
- recreational program.

Cost of travel and accommodation is not included in the registration fee.

The organizers do not organize the journey and book hotels for participants of the conference (list of hotels will be provided at a later stage).

The fee should be paid in Euro into the following bank account by May 15, 2018
BENEFICIARY BANK: BANK OF GEORGIA
Intermediary Bank: Commerzbank, Frankfurt, Germany; SWIFT; COBADEFF
Account With Institution: Bank of GEORGIA, SWIFT; BAGAE22; 29a Gagarin street, Tbilisi 0160, Georgia
Beneficiary: GEORGIAN SOCIETY OF CIVIL ENGINEERS
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