2nd INTERNATIONAL WORKSHOP ON
«DURABILITY AND SUSTAINABILITY
OF CONCRETE STRUCTURES»
(DSCS 2018)
Moscow (Russia), June 6–7, 2018

CALL FOR ABSTRACT

Venue: Russian Academy of Science, Leninsky Ave 14, Moscow, Russia
Organized by: American Concrete Institute Italy Chapter (ACI IC) and Russian Engineering Academy (REA)
With the assistance of: Russian Academy of Science (RAS) and Russian Academy of Architecture and Construction Science (RAACS)
Organizing Committee: Vyacheslav Falikman (Scientific Research Center «Construction», Chair), Roberto Realfonzo (ACI IC, Chair), Luigi Coppola (ACI IC), Petr Hájek (Czech Technical University), Paolo Riva (ACI IC)

Honor Committee:
Mario Alberto Chiorino (Italy)
Mario Collepardi (Italy)
Boris Vladimirovich Gusev (Russia)
Koji Sakai (Japan)
Surendra P. Shah (USA)

International Scientific Committee:
Mark Alexander (South Africa) Mette Rika Geiker (Norway)
Carmen Andrade Perdrix (Spain) Ravindra Gettu (India)
Arnon Bentur (Israel) Arlindo Gonçalves (Portugal)
Hans Beushausen (South Africa) Justnes Harald (Norway)
Francesco Biasioli (Italy) Agnieszka Bigaj-van Vliet (Netherlands)
Billy Boshoff (South Africa) Steinar Helland (Norway)
Chun-Tao Chen (Taiwan) Ole Mejhlde Jensen (Denmark)
Marco Menegotto (Italy) Michael Khrapko (New Zealand)
Hugo Corres Peiretti (Spain) Konstantin Kovler (Israel)
Edoardo Cosenza (Italy) Pietro Lura (Switzerland)
Laura De Lorenzis (Germany) Giuseppe Mancini (Italy)
Antonello De Luca (Italy) Enzo Martinelli (Italy)
Geert De Schutter (Belgium) Tor Arne Martius-Hammer (Norway)
Klaartje De Weerdt (Norway)
Frank Dehn (Germany) Claus Mazzotti (Italy)
Carolina Di Biase (Italy) Viktor Mechtcherine (Germany)
Marco Di Prisco (Italy) Guenther Meschke (Germany)
Guillermo J. Etse (Argentina) Giacomo Moriconi (Italy)
David Fernández-Ordóñez (Switzerland) Harald S. Müller (Germany)
Liberato Ferrara (Italy) Antonio Nanni (USA)
Romildo D. Toledo Filho (Brasil) Nicola Nisticò (Italy)
Paula Polino (Argentina) Maurizio Papia (Italy)
Pietro Gambarova (Italy) Hans-Wolf Reinhardt (Germany)
Xin Ruan (China)  
Manu Santhanam (India)  
Jan Cervenka (Czech Republic)  
Max J. Setzer (Germany)  
Luc Taerwe (Belgium)  
Roberto Torrent (Argentina)  
Tamon Ueda (Japan)  
Klaas van Breugel (The Netherlands)  
Giovanni Plizzari (Italy)  
Johan Vyncke (Belgium)

Waiting for further updates

Objectives and Themes: The purpose of this international workshop is to present and discuss the most innovative developments and researches on durability and sustainability of concrete construction. Among the topics to be addressed are: reduction in CO₂ emissions; use of recycled materials and innovative products; design of durable structures; and maintenance, repair and refurbishment of concrete. The topics will be tackled from all perspectives, from material science to testing, from environmental impact evaluation to design under severe conditions and will include maintenance, monitoring, repair and reuse of concrete structures.

Topics of the conference (will include but are not limited to):
- Reduction in Green House Gases in Cement and Concrete Industry
- Recycled Materials and Waste Management in Mortar and Concrete Production
- Solfoaluminate based cement alternative to portland and portland blended cements
- Alkali-activated materials and geopolymers for sustainable construction
- Durability of Reinforced Concrete Structures
- Life Cycle Cost Assessment in Concrete Construction
- Reuse and Functional Resilience of Reinforced Concrete Structures
- Repair and Maintenance
- Testing, Inspection and Monitoring
- Case Histories.

Abstracts submission: The abstracts can be submitted at the following link: http://www.aciitaly.com/events/dscs2018/abstract.php
**Important dates:**
Submission of 300-word abstracts: until April 30, 2017.
Abstract acceptance notification: until May 30, 2017
Submission of full papers: until November 15, 2017
Paper acceptance notification: until February 15, 2018
Submission of final papers: until March 15, 2018

**Publications:**
The papers will be peer-reviewed before publication in the Workshop Proceedings

**Registration fees:**
Full delegate (includes participation, submission of 1 paper, proceedings, lunches, coffee-breaks, conference dinner):
- until March 15, 2018: 400,00 euro;
- after March 15, 2018: 500,00 euro.

Students/Ph.D. Students/Postdoc (includes participation, proceedings, lunches, coffee-breaks, conference dinner):
- until March 15, 2018: 250,00 euro
- after March 15, 2018: 350,00 euro

Accompanying persons (includes lunches, coffee-breaks, conference dinner):
- until March 15, 2018: 200,00 euro;
- after March 15, 2018: 300,00 euro.

The registration fee is not refundable.
Participants will receive a copy of the proceedings at the registration desk at the Workshop venue

**Secretary:** aciitalychapter@gmail.com

The information support is provided by the leading specialized mass media. One of them is electronic edition «Nanotechnologies In Construction: A Scientific Internet-Journal» Nanobuild.ru.