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ABSTRACTS

Prospective authors are invited to submit abstracts in English, 200-300 words long, with the title of the paper, the author(s) - including affiliation(s) and e-mail address(es) - and the topic(s), to be selected among the main topics of the workshop.

All the papers will be collected and published in a Book of proceedings which will be made available at the workshop.

Send to:
aciitalychapter@gmail.com
nbsc2022.lecce@gmail.com

CONTACTS

Visit the official workshop website for more information

<http://www.aciitaly.com/events/nbsc2022/>

or contact NBSC secretariat:
aciitalychapter@gmail.com

SIXTH WORKSHOP NEW BOUNDARIES OF STRUCTURAL CONCRETE 2022 NBSC 2022 CALL FOR PAPERS



8 – 9 SEPTEMBER 2022, LECCE, ITALY

ORGANIZED BY:

*American Concrete Institute Italy Chapter
Department of Innovation Engineering of
University of Salento*



**UNIVERSITÀ
DEL SALENTO**





IMPORTANT DATES IN 2022

Submission of abstracts	March 31
Acceptance of abstracts	April 15
Submission of full papers	May 31
Notification of acceptance	June 30
Submission of final papers	July 31
Workshop	September 8-9
Social dinner	September 8

REGISTRATION FEES

Registration regular	470*/550 euro
ACI Italy Chapter member	400 euro
Student (BS, MS, PhD)	250*/300 euro
Accompanying persons	150 euro

(* before May 31, 2022)

Note that at least one author per paper must be registered.

Members of ACI Italy Chapter in compliance with the membership fee for 2022 will have a reduced fee for registration at the conference. The regular registration fee for the conference includes the association to ACI Italy Chapter for the year 2022.

WORKSHOP TOPICS

The workshop aims to collect and disseminate the latest national and international research results on the application, durability and sustainability of concrete and construction materials, as well as the new trends in design, building and repair of concrete structures.

The following topics will be discussed:

1. innovative cementitious materials.
2. corrosion and self-healing in reinforced concrete (RC) structures
3. concrete and reinforced-concrete under extreme environmental conditions (earthquake, wind, temperature)
4. concrete and reinforced concrete in accidental conditions (fire, impact, blast)
5. green concrete and sustainability of concrete structures
6. short- and long-term behaviour of RC structures
7. bond and connections in RC, prestressed concretes (PC) and mixed structures
8. strengthening and repair of concrete structures
9. performance and life-cycle assessment (LCA) of concrete structures
10. aging and deterioration of Concrete Structures

WORKSHOP LANGUAGE

The workshop language will be English, which will be used for presentations and printed materials.

VENUE

The event is jointly organized by American Concrete Institute (ACI) – Italy Chapter and by the Department of Innovation Engineering of the University of Salento, in Lecce.

Lecce is an historical city located in Salento, the peninsula area of the Apulia Region in south Italy.

The city, was founded by the Messapians, pre-Roman people. Romans took Lecce and named it “Lupiae”; their amphitheater in opus reticulatum can still be admired in St Oronzo square.

Lecce welcomes visitors with its magnificent baroque architecture, which blazes on the portals of its palaces and on the facades of the churches.

The baroque exuberance is due to the local calcarenitic stone named “Pietra leccese”, so soft and easy to be carved, that master stonecutters were able to create highly sophisticated stone embroidery.

The beaches of Salento are well known for their natural beauty and the countryside is appreciated for its peasant traditions and food and for its monumental farms.

