



## SCIENTIFIC COMMITTEE

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 Timothy Wangler (Switzerland)

## ORGANIZING COMMITTEE

### UNIVERSITY OF ROME TOR VERGATA

Alberto Meda (Chair)  
 Zila Rinaldi  
 Simone Spagnuolo  
 Fabio Di Carlo  
 Teresa Celozzi

### ACI ITALY CHAPTER

Mario Alberto Chiorino (Honorary President)  
 Luigi Coppola (President)  
 Liberato Ferrara (Vice-President)  
 Roberto Realfonzo (Past President)

## 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:  
**[nbsc2024.rome@gmail.com](mailto:nbsc2024.rome@gmail.com)**

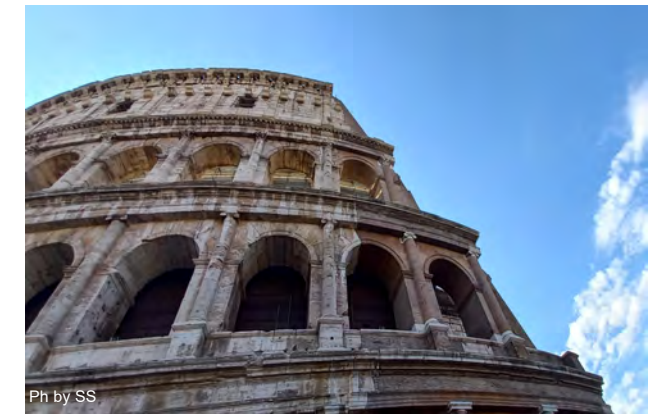
## CONTACTS

Visit the official workshop website for more information: <http://www.aciitaly.com/events/nbsc2024/>

or contact NBSC secretariat:  
[aciitalychapter@gmail.com](mailto:aciitalychapter@gmail.com)

## SEVENTH WORKSHOP NEW BOUNDARIES OF STRUCTURAL CONCRETE 2024

### NBSC 2024 CALL FOR PAPERS



**19 – 20 SEPTEMBER 2024  
 ROME, ITALY**

ORGANIZED BY:

*American Concrete Institute Italy Chapter  
 Dep. of Civil Engineering and Computer  
 Science Engineering - Tunnelling  
 Engineering Research Centre (TERC) of  
 University of Rome Tor Vergata*





## REGISTRATION FEES

	Attendance	Early (by 31.05.24)	Standard
(A)	Regular	€ 420	€ 550
	ACI Italy Chapter & International Members	€ 350	€ 450
	Students, PhDs and Research fellows	€ 250	€ 350
(B)	Accompanying persons	Payment by 31.08.24	€ 150
<b>Registration Fee Entitlements</b>			
(A)	- Coffee breaks		
	- Lunches		
	- Social dinner		
	- Proceedings		
	- ACI Italy Chapter subscription (year 2025)		
(B)	- Coffee breaks		
	- Lunches		
	- Social dinner		

## 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;
11. Structural health monitoring.

## IMPORTANT DATES IN 2024

Submission of abstracts	January 31
Acceptance of abstracts	February 15
Submission of full papers	<b>NEW</b> May 30
Notification of acceptance	<b>NEW</b> June 15
Submission of final papers	June 30
Workshop	September 19-20
Social dinner	September 19

## VENUE

The event is jointly organized by American Concrete Institute (ACI) – Italy Chapter and by the Department of Civil Engineering and Computer Science Engineering of the University of Rome Tor Vergata, in Rome.

Rome's architecture, over the centuries, has greatly developed, especially from the Classical and Imperial Roman styles to modern fascist architecture. Rome was for a period one of the world's main epicentres of classical architecture, developing new forms such as the arch, the dome and the vault. The Romanesque style in the 11th, 12th, and 13th centuries was also widely used in Roman architecture, and later the city became one of the main centres of Renaissance, Baroque and neoclassical architecture.

One of the symbols of Rome is the Colosseum (70–80 AD), the largest amphitheatre (Amphitheatrum Flavium) ever built in the Roman Empire. Originally capable of seating 60,000 spectators, it was used for gladiatorial combat.

Important monuments and sites of ancient Rome include the Roman Forum, the Domus Aurea, the Pantheon, Castel Sant'Angelo and more. Rome: one of the most fascinating cities in the world

## WORKSHOP LANGUAGE

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

