

Circular IV  
CALL FOR PAPERS

**FIFTEENTH INTERNATIONAL  
CONFERENCE ON RECENT ADVANCES  
IN CONCRETE TECHNOLOGY  
AND SUSTAINABILITY ISSUES**

Organized by:

American Concrete Institute  
Italy Chapter  
ITALY



University of Bergamo  
Department of Engineering and Applied Sciences  
ITALY



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**November 3 – 5, 2021  
Milan, ITALY**

Issued April 2020

Website: <http://www.aciitaly.com/events/ractsi2021>

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Yun Bai – University College London – UK  
Kamal Khayat – Missouri Univ. of Science and Technology – USA

## CALL FOR PAPERS

This conference is the fifteenth in a series of conferences on advances in concrete technology. The first was held in Athen, Greece in 1992, the second in Las Vegas, USA in 1995, the third in Auckland, New Zealand in 1997, the fourth in Tokushima, Japan in 1998, the fifth in Singapore in 2001, the sixth in Bucharest, Romania in 2003, the seventh in Las Vegas, USA in 2004, the eighth in Montreal, Canada in 2006, the ninth in Warsaw, Poland in 2007, the tenth in Seville, Spain in 2009, the eleventh in Jinan, China in 2010, the twelfth in Prague, Czech Republic in 2012, the thirteenth in Ottawa, Canada in 2015 and the fourteenth in Beijing, China in 2018. The aim of this fifteenth conference is to continue to transfer, as widely as possible, the most recent developments in concrete technology and sustainability issues.

Original papers on the following topics are invited to be presented at the conference and to be include in the referred proceedings. Papers on current research will be accepted for presentation and inclusion in a volume of supplementary papers. Papers on research that has just started may be presented as posters.

- Sustainable issues and CO<sub>2</sub> emissions
- CO<sub>2</sub> emissions reduction in the manufacturing of portland cement
- Durability and corrosion, service life prediction and life-cycle analyses
- Recycled and artificial aggregates
- Porous concretes and no fines concretes
- Polymer concretes and polymer modified concretes
- Innovative and alternative test methods for concrete
- Alternative binders to portland cement
- Alkali-activated materials and geopolymers
- New concrete coating materials
- Use of industrial/agriculture by-products for building materials
- Shrinkage compensating concretes
- Shotcretes and execution
- New reinforcements for concretes
- High performance concretes
- High density concretes
- Under-water concreting
- Concretes in marine environment
- Repairing works of damaged concrete structures
- Self-curing concretes
- Digital fabrication with concrete

## CONFERENCE DEADLINE

Submission of abstract

**June 30, 2020**

Acceptance of abstracts and notification to authors

**July 31, 2020**

Submission of full-length papers for review

**February 28, 2021**

Acceptance of papers and notification to authors

**April 15, 2021**

Submission of final manuscripts in accordance with instructions provided to the authors

**May 30, 2021**

The abstract can be submitted through the online system from the website

<http://aciitaly.com/events/ractsi2021>

## ATTENTION

When submitting abstracts, please provide the following information:

- Approximately 300 words in length
- Author(s) name(s) and affiliation
- Complete mailing address of all authors
- If more than one author, please specify with whom you wish us to correspond

## CONFERENCE VENUE AND DATE

MILAN, ITALY

Registration: November 2, 2021

Conference: November 3-5, 2021

## CONFERENCE PROCEEDINGS

The conference proceedings will be published as ACI Special Publication (SCOPUS indexed)

## CONFERENCE LANGUAGE

The language of the conference will be “English”