

13th International Conference on Superplasticizers and Other Chemical Admixtures in Concrete

15th International Conference on Recent Advances in Concrete Technology and Sustainability Issues

Milan (Italy), July 10 - 15, 2022

Only in person

Organized by:

American Concrete Institute - Italy Chapter

University of Bergamo

Department of Engineering and Applied Sciences



13th International Conference on Superplasticizers and Other Chemical Admixtures in Concrete (SOCAC)

Milan (Italy), July 10 - 13, 2022

Sponsored by:

ACI International – USA
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Co-sponsored by:

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Industry co-sponsors:

Mapei Spa - ITALY
Master Builders Solutions Spa – ITALY
Calcestruzzi Spa – ITALY
Colabeton Spa – ITALY
Draco Italiana Spa - ITALY

Main topics

Chemistry of superplasticizers
Development and applications of superplasticizers compatibility with cements, blended cements, aggregates, etc.
Compatibility issues involving superplasticizers and other chemical admixtures
Development and applications of other chemical admixtures
Development and applications of superplasticizers and other chemical admixtures for new binders
Viscosity modifying admixtures
Corrosion inhibitors
Shrinkage reducing admixtures
Expansive admixtures
Polymers in concretes
Chemical admixtures for ready-mixed mortars and precast concretes
Admixtures and binders for digital fabrication
Testing methods and standard advancement
Chemical admixtures and sustainable development
Case history

Conference Honorary Chairpersons

Mario Collepardi – Enco Srl – ITALY
V. Mohan Malhotra – Ottawa, ON – CANADA

Conference Chairperson

Luigi Coppola – University of Bergamo – ITALY

Organizing Committee

Pietro Gambarova – Polytechnic of Milan – ITALY
Massimiliano Pescosolido – ATECAP, Federbeton – ITALY

International Scientific Committee

Robert Flatt – ETH Zurich – SWITZERLAND (Chair)
Walter Nussbaumer – Mapei Spa – ITALY
Ivana Torresan – Master Builders Solutions Spa – ITALY

International Advisory Committee

Giorgio Ferrari – Mapei Spa – ITALY (Chair)
Johann Plank – TUM – GERMANY (Chair)
Yun Bai – University College London – UK
Nemkumar Banthia – University of British Columbia - CANADA
Claude Bédard – Euclid Canada – CANADA
Vlastimil Bilek Sr. – VSB Tech. Univ. Ostrava – CZECH REPUBLIC
Didar Cheema – Curtin University – AUSTRALIA
Denny Coffetti – University of Bergamo – ITALY
Valeria Corinaldesi – Polytechnic University of Marche – ITALY
Roberto Cucitore – Italcementi Spa – ITALY
Terence Holland – Concrete Terry – USA
Ara Jeknavorian – Jeknavorian Consulting Services - USA
Harald Justnes – SINTEF – NORWAY
Kamal Khayat – Missouri Univ. of Science and Technology - USA
Lei Lei – TUM – GERMANY
Roberta Magarotto – Master Builders Solutions Spa – ITALY
Surendra Manjrekar – Special Coatings Mumbai – INDIA
Pierre-Claver Nkinamubanzi – NRC – CANADA
Marta Palacios – E. Torroja Inst. For Construction Science – SPAIN
Ioanna Papayianni – Aristotle University of Thessaloniki – GREECE
Francisca Puertas - E. Torroja Inst. For Construction Science – SPAIN
Etsuo Sakai – Tokyo Institute of Technology – JAPAN
Wolfram Schmidt – BAM – GERMANY
Tongbo Sui – Sinoma International Engineering – CHINA
Arezki Tagnit-Hamou – University of Sherbrooke – CANADA
Francesca Tittarelli – Polytechnic University of Marche – ITALY
Roberto Troli – Betonrossi Spa - ITALY
Ziming Wang – Beijing University of Technology – CHINA

15th International Conference on Recent Advances in Concrete Technology and Sustainability Issues (RACTSI)

Milan (Italy), July 13 – 15, 2022

Sponsored by:

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Industry co-sponsors:

Mapei Spa - ITALY
Master Builders Solutions Spa – ITALY
Calcestruzzi Spa – ITALY
Colabeton Spa – ITALY
Draco Italiana Spa - ITALY

Main topics

Sustainable issues and CO₂ emissions
CO₂ emissions reduction in the
manufacturing of portland cement
Durability and corrosion, service life
prediction and life-cycles analyses
Recycled and artificial aggregates
Porous 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 concrete
High performance concretes
High density concretes
Under-water concreting
Concretes in marine environments
Repairing works of damaged concretes
Self-curing concretes
Digital fabrication with concrete

Conference Honorary Chairpersons

Mario Collepari – Enco Srl – ITALY
V. Mohan Malhotra – Ottawa, ON – CANADA

Conference Chairperson

Luigi Coppola – University of Bergamo – ITALY

Organizing Committee

Alfonso Di Bona – Calcestruzzi Spa – ITALY
Tommaso Pastore – University of Bergamo – ITALY

International Scientific Committee

Charles Nmai – Master Builders Solutions – USA (Chair)
Alessandra Buoso – Master Builders Solutions Spa – ITALY
Walter Nussbaumer – Mapei Spa – ITALY

International Advisory Committee

Raffaele Cioffi – Parthenope University of Naples – ITALY (Chair)
Terence Holland – Concrete Terry – USA (Chair)
Yun Bai – University College London – UK
Nemkumar Banthia – University of British Columbia - CANADA
Claude Bédard – Euclid Canada – CANADA
Vlastimil Bilek Sr. – VSB Tech. Univ. Ostrava – CZECH REPUBLIC
Ezio Cadoni – SUPSI Lugano – SWITZERLAND
Didar Cheema – Curtin University – AUSTRALIA
Denny Coffetti – University of Bergamo – ITALY
Silvia Collepari – Enco Srl - ITALY
Valeria Corinaldesi – Polytechnic University of Marche – ITALY
Martin Cyr – University of Toulouse – FRANCE
Deborah Floris – Italcementi Spa – ITALY
Ravindra Gettu – Indian Institute of Technology Madras – INDIA
Harald Justnes – SINTEF – NORWAY
Kamal Khayat – Missouri Univ. of Science and Technology - USA
Surendra Manjrekar – Special Coatings Mumbai – INDIA
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Etsuo Sakai – Tokyo Institute of Technology – JAPAN
Wolfram Schmidt – BAM – GERMANY
Tongbo Sui – Sinoma International Engineering – CHINA
Arezki Tagnit-Hamou – University of Sherbrooke – CANADA
Francesca Tittarelli – Polytechnic University of Marche – ITALY
Jean Marc Tulliani – Polytechnic of Turin – ITALY
Ziming Wang – Beijing University of Technology – CHINA

13th International Conference on Superplasticizers and Other Chemical Admixtures in Concrete (SOCAC)

15th International Conference on Recent Advances in Concrete Technology and Sustainability Issues (RACTSI)

Conference Venue and Date

Hotel Sheraton Milan San Siro
Via Caldera, 3 – 20153 Milan (Italy)
+39 02 915221 – www.sheratonmilansansiro.com

Here you can find the e-brochure.
<https://www.zebrasd.com/e-brochure/SheratonMilanSanSiro/>

Sheraton Milan San Siro is close-by to San Siro stadium and conveniently connected to Milan's airports. The metro station "M5 San Siro Stadio" is 10-minute walk away.

The organizers have reserved some rooms at promotional prices for the participants of the conference until April 30, 2022 (Double room single use 140 €, double room 160 €, prices per night, breakfast included, excluded 10% VAT and city tax). Check availability directly with hotel.

Registration SOCAC: July 10, 2022 (late afternoon), July 11, 2022 (morning)

Conference SOCAC: July 11-13, 2022

Registration RACTSI: July 13, 2022 (morning)

Conference RACTSI: July 13-15, 2022

The closing ceremony of RACTSI is scheduled for 15 July at 1:00 pm

Presentation format

All the accepted paper for the ACI Special Publication and Supplementary Volume can be presented orally. Approximately 20 minutes will be allocated for each oral presentation, including Q&A time. Electronic presentation facilities will be available including high resolution projector, microphone and PC. No poster sessions are scheduled.



Registration fees

All those planning to attend SOCAC and RACTSI conferences (both speaker and listeners) must register and receive badges. Early and late registrations fees are offered as well as special student and accompanying people registration fees.

	SOCAC Conference (July 10-13, 2022)	RACTSI Conference (July 13-15, 2022)	Both conferences (July 10-15, 2022)
EARLY (by April 30, 2022)			
Full members	550 €	450 €	800 €
Students	400 €	300 €	600 €
Accompanying persons	200 €	150 €	300 €
LATE (after April 30, 2022)			
Full members	600 €	500 €	900 €
Students	450 €	350 €	700 €
Accompanying persons	250 €	200 €	400 €

All registrations have to be made on-line where you can find the options for payment (Credit Card, Paypal or Bank Transfer).

<https://www.aciitaly.com/events/socac2021/registration/>
<https://www.aciitaly.com/events/ractsi2021/registration/>

Fees include:

- Participation in the scientific sessions
- Hard copy of the conference proceedings published as ACI Special Publication (Scopus indexed). The Supplementary Volume will be available in electronic format only
 - Welcoming cocktail on July 10, 2022
 - Exclusive Award Banquet on July 13, 2022
 - Typical Italian "aperitivo" every evening
- Lunches for the entire duration of the conference (excluding Friday)
- Morning and afternoon coffee breaks for the entire duration of the conference

Please, remind that **to have your paper published in the conference proceedings** (ACI Special Publication or Supplementary Volume), **at least one author must register for the conference**

(1 SOCAC registration = 1 SOCAC paper, 1 RACTSI registration = 1 RACTSI paper, 1 registration for both conferences = 2 papers).

Evidence of student status (undergraduates, PhD students, junior research fellows) must be e-mailed to Conference Secretariat. No special program will be organized for accompanying persons. However, they are allowed to take part to the welcoming event, Italian "aperitivi" and Award Banquet.

Participants are encouraged to take advantage of the discount rate, applicable only if both registration and payment are received by April 30, 2022.

Information on rules to entry into Italy can be found on the following website

<https://www.salute.gov.it/portale/nuovocoronavirus/dettaglioContenutiNuovoCoronavirus.jsp?lingua=english&id=5412&area=nuovoCoronavirus&menu=vuoto>

Visa application

Special letters of invitation to be used for visa application will be provided upon written request by the participant to the conference organizers. As the application for a visa may be a lengthy process, we recommend to start your visa application as soon as possible. Those attendees who need a visa are suggested to contact the Conference Secretariat indicating the following information: name, surname, date of birth, place of birth, nationality, titles (Ms., Mr., Dr., Prof.), affiliation, full postal address, passport number, issue and expiring dates of passport, date of arrival and departure. **The Conference Organizing Committee is not able to contact Embassies in support of an individual attempting to gain entry to attend the conferences.**

Secretariat

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Website

SOCAC Conference

<http://www.aciitaly.com/events/socac2021>

RACSTI Conference

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

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