



15th International Congress on Polymers in Concrete

OCTOBER 19-21, 2015, SINGAPORE



1st Announcement and Call for Papers

Organized by:



American Concrete Institute
(Singapore Chapter)

Admaterials Technologies Pte Ltd

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The International Congress on Polymers in Concrete (ICPIC) has been the leading congress worldwide in the interactive fields on polymers in concrete for more than 30 years. Following 14 successful congresses held in London (1975), Austin (1978), Koriyama (1981), Darmstadt (1984), Brighton (1987), Shanghai (1990), Moscow (1992), Oostende (1995), Bologna (1998), Honolulu (2001), Berlin (2004), Chuncheon (2007), Funchal (2010) and Shanghai (2013), the 15th ICPIC will be held in Singapore.

We are pleased to announce that American Concrete Institute (Singapore Chapter) and Admaterials Technologies Pte Ltd will be jointly organizing the 15th International Congress on Polymers in Concrete (ICPIC 2015) from October 15–17, 2015, in the vibrant city of Singapore.

This congress will promote new challenges of innovation and sustainability, aims for the exchange of knowledge and provides opportunities for industry experts, researchers, academics and students to network in the field.

The objectives of this congress are:

- To invite local and overseas industry experts to impart their knowledge and the latest technology to the delegates.
- To showcase sustainability development of polymers in concrete and promote new challenges of innovation and sustainability in this field.
- To demonstrate the synergistic action between polymer and concrete that offers great opportunities for the future of construction industry.
- To aim for the exchange of knowledge and to provide opportunities for industry experts, researchers, scientists, academics, students, engineers and practitioners to network, share and present their latest research results, ideas and experiences, as well as to discuss critical challenges and effective solutions in the related fields of study.
- To provide a professional networking platform for local and overseas suppliers, developers, manufacturers and contractors to develop new business opportunities.

The congress covers all the subjects related to polymers in concrete. These materials are widely used because the polymers become part of a search for durable and sustainable construction materials. The synergistic action between polymer and concrete offers great opportunities for the future of construction industry.

All submissions of manuscripts will be peer-reviewed by experts in the field based on novelty, originality, significance, impact, quality and clarity:

- The manuscripts will be subjected to a double-blind peer review (in which neither author nor reviewer identity is revealed).
- All accepted papers will be included in the congress proceedings of ICPIIC 2015, which will carry an ISBN/ISSN number.
- All the full papers accepted will also be published by Trans Tech Publications (www.ttp.net) in the Journal of Advanced Materials Research (in hardcopy and online: www.scientific.net) which is EI and ISTP indexed.
- Attendance certificates will be issued to all congress delegates for CPD (Continued Professional Development) purposes.

TOPICS

Papers are cordially invited in the following areas (but not limited to):

Use of Polymers to Enhance Concrete Performance

Sustainability Development of Polymers in Concrete

Policy and Strategy
Carbon Emissions
Life Cycle Assessment
Environmental Assessment
Reduce, Reuse and Recycle
Development of Geopolymers

Polymers in Concrete: Concrete-Polymer Composites (C-PC)

Polymer Concrete (PC)
Polymer Cement Concrete (PCC)
Polymer Modified Concrete (PMC)
Polymer-Impregnated Concrete (PIC)
Polymer Fibers in Concrete (PFiC)
Polymer Aggregates in Concrete
Polymer Admixtures
Fiber-Reinforced Polymer (FRP) Reinforcement in Concrete Structures

Polymers on Concrete

Polymer Overlays
Polymer Coatings and Waterproofing Materials
Polymers Used for Bonding Materials to Concrete
Fiber-Reinforced Polymers for Strengthening Concrete (FRP-C)

Polymers for Concrete Repair

Polymer Repair Mortars
Repair and Rehabilitation of Structures
Fiber-Reinforced Polymer (FRP) in Concrete Structures

Use of Polymers in Green Building Materials

Green Composites
Recyclable Materials
Industrial Byproducts

Use of Polymers in Sustainable Construction

Nondestructive Evaluation
Structural Health Monitoring
Green Infrastructure Systems
Green Construction Practices / Methods
Numerical Modeling for Sustainable Development

CALL FOR PAPERS

The 15th ICPIC is now receiving submissions from industry experts, academics, researchers, scientists, professors, students, professional engineers, consultants, suppliers, developers, manufacturers, contractors and all who are interested in presenting their knowledge, ideas and experiences at the congress.

All abstracts and papers submitted will be reviewed. Before the acceptance of a final paper, the review process includes two steps:

1. Submitting abstract through email → reviewed → abstract acceptance → inform authors of submitting full text paper through online tool of Trans Tech Publications Ltd. Every author must be registered with his own email-address. Please be informed that the same email address cannot be used by more than one author. The publisher will inform the participants about their login data and about how they can upload their papers. If a participant wants to upload more than one paper, please inform the congress secretary so that the Publisher will activate this option in the system.
2. Submitting full text paper through online tool of Trans Tech Publications Ltd: <http://www.scientific.net/>. Normally a given paper will be reviewed by 2 experts in the field. The results of the reviewing process will be transmitted to the proceedings editors and the corresponding authors will be asked to make any required changes and submit the final version of the paper to the proceedings editors who will then decide whether the paper is to be published or not. *Trans Tech publishes peer-reviewed papers written in good English only.* The Publisher will again review all papers internally once all final manuscripts are uploaded to the online system. All papers will need to be related to engineering and be of international interest. Further papers need to be grouped into meaningful chapters and closely related to the conference topics.

By submitting the manuscript for publication, the authors transfer the copyright of their manuscripts to Trans Tech Publications. Should the papers contain figures or tables taken from other sources, it is taken for granted that the authors have solicited the respective permissions for reproduction from the corresponding publishers.

Kindly submit all abstracts by email: either to admin@concrete.org.sg or icpic15@concrete.org.sg by 01 January 2015. Once the abstract is accepted, you will be informed by email to submit the full paper.

Please note that the author or co-author will be required to attend the congress as paying delegate and to present the paper, when the full paper is accepted to be included in the congress proceedings.

Important Dates

- Submission of Abstracts : [01 January 2015](#)
- Acceptance and Notification of Abstracts : [15 January 2015](#)
- Closing Date of Full Paper Submission : [15 March 2015](#)
- Notification of Acceptance Date : [15 May 2015](#)
- Final Paper (Camera-Ready) Submission Deadline : [15 July 2015](#)
- Early Bird Registration Deadline : [15 July 2015](#)
- Congress Dates : [19–21 October 2015](#)

Registration Fees Structure

- Full Fees – Early Bird (15 July 2015) : [SGD 700.00](#)
- Full Fees – After 15 July 2015 : [SGD 800.00](#)
- Bona Fide Students (no early bird registration) : [SGD 650.00](#)
- Congress Dinner (sold separately) : [SGD 100.00 per ticket](#)

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