



Online Workshop on “Recent Advances in Science and Technology of Concrete”



Organized by the Indian Institute of Technology Madras, Chennai, India
Date and time: Saturday, 2nd May 2020, 9:30-14:00 (Indian Standard Time, +5:30 GMT)

The global lockdown due to the health crisis brought about by COVID-19 has motivated the need to rethink on how, when restrictions are placed on travel and gathering, to conduct conferences and workshops without participants being in the same physical space yet maintaining the possibility of interaction and discussion. In the recent RILEM Convention held in Guimarães, Portugal, the conference organizers had to improvise and move all meetings and conference sessions to online modes, with remarkable success. Inspired by the experience, it is proposed that a RILEM Online Conferences & Transfer of Knowledge (ROC&TOK) Series be facilitated and promoted to continue having scientific discussions and dissemination of new research findings when conventional gatherings are not feasible. The online conferences would also significantly reduce costs of travel and organization, leading the reduction of carbon footprint and enabling the participation of people from regions that are short of resources. The benefits of conventional conferences, such as networking, social interactions and collateral visits, are appreciated and not to be discouraged, nevertheless.



To initiate such a series of online events, it is planned to have a half-day workshop, with presentations on recent research findings in the area of concrete, organised by the Construction Materials Group at IIT Madras. The topics covered will be useful to academics, researchers, post-graduate students and practitioners from the construction sector.

The workshop is co-sponsored by RILEM, The International Union of Laboratories and Experts in Construction Materials, Systems and Structures (www.rilem.net), as an educational activity

Speakers:

09:30-10:00: Ravindra Gettu, IITM & RILEM: About RILEM and Introduction to the Workshop

10:00-10:30: Prannoy Suraneni, U. Miami, USA: Rapid screening tests for SCMs

10:30-11:00: Yuvaraj Dhandapani, IITM: Influence of SCMs on Hydration

11:00-11:30: Piyush Chaunsali, IITM: Value Addition to Concrete with Waste and Residues

11:30-12:00: Break

12:00-12:30: Prasanth Alapati, Georgia Tech, USA: Durability of Concrete with Alternative Cementitious Materials

12:30-13:00: Radhakrishna G. Pillai, IITM: Chloride Threshold and Its Implications on Service Life


13:00-13:30: Ravindra Gettu, IITM: Testing of Fibre Reinforced Concrete for Structural Design

13:30-14:00: Manu Santhanam, IITM: 3D Printing with Concrete

Coordinator: Prof. Ravindra Gettu (gettu@iitm.ac.in)



Registration:

Participants who pay the registration fee will be eligible to connect through  zoom with a password, chat with the speakers and ask questions, and will receive a certificate of participation through email.

Registration fee: Rs. 250 (about US \$ 3.50). Limited to about 60 participants.

The workshop will also be streamed with free access through YouTube

Please enter your details in the Google form that can be accessed with this link: <https://bit.ly/3akSasR>

We will contact you by email with the registration information.

Pre-registration will close on 29th April 2020. The workshop can be followed on YouTube in www.youtube.com/user/RILEMChannel/videos. The URL will be posted on the RILEM Facebook site.

