



PhD Symposium on Construction Materials

(Technologies for Low Carbon & Lean Construction)



September 24, 2021 (Friday) | (9:00 to 17:00, IST) | on Zoom platform

ABOUT THE SYMPOSIUM

This is a premium forum for young researchers to present advances and research results in the construction materials sector, especially related to Technologies for Low Carbon Lean Construction (TLC). The primary focus of a related initiative at IIT Madras (TLC) would be to undertake projects and related activities to minimize the waste in construction - in terms of materials and processes, and promote the possibility of suitably employing waste from other industries. The symposium aims at engaging young researchers (age < 35 years) to (i) connect and interact with others working in the same domain, (ii) showcase their research and get exposed to the state of the art on different aspects of construction materials, both theoretical and applied, and (iii) get guidance from renowned experts working on construction materials and their application.

WHO SHOULD ATTEND?

- Ph.D. Research Scholars and those graduated with a Ph.D. in 2021.

THEMES (the following and any topic associated with construction materials)

1. Material Processing and Characterization
2. Transport and Deterioration Mechanisms
3. Structural Performance and Design
4. Service Life and Environmental Impact Assessment
5. Masonry, Timber and Cultural Heritage
6. Bituminous Materials and Polymers

TENTATIVE SCHEDULE (in Indian Standard Time)

09:00 to 09:05	Welcome – Prof. Ravindra Gettu, President RILEM
09:05 to 09:20	About the Research Initiative on Technologies for Low Carbon Lean Construction (TLC) – Prof. Manu Santhanam, Head, Department of Civil Engng., IIT Madras.
09:20 to 09:25	Agenda – Dr. Surender Singh, Vice-chair, RILEM Youth Council (RYC)
09:30 to 10:30	Technical Session 1: Presentations by Ph.D. students, Followed by discussion among all participants
10:30 to 11:00	Break
11:00 to 12:00	Technical Session 2: Presentations by Ph.D. students, Followed by discussion among all participants
12:00 to 13:00	Q&A with mentors (Prof. Carmen Andrade, Prof. Liberato Ferrara and others)
13:00 to 14:00	Break
14:00 to 15:00	Technical Session 3: Presentations by Ph.D. students, Followed by discussion among all participants
15:00 to 15:30	Q&A with mentors (Prof. Mark Alexander, Prof Ravindra Gettu and others)
15:30 to 17:00	Presentation about RILEM South Asia – Dr. Radhakrishna G. Pillai Presentation about RILEM Youth Council – Ms. Joanitta Ndawula, Chair RYC Benefits of joining RILEM – Dr. Daniela Ciancio, RILEM Implementation Manager

REGISTRATION

- Registration fee (including GST) of Rs. 250/- to be paid online by the Attendees ONLY;
- Certificate will be provided.
- Register at <https://icsrpis.iitm.ac.in/events/8952/rvms/> before **September 10th, 2021 (Friday)**.
- To pre-register as presenters, please submit the abstract. Each abstract will be reviewed, and the acceptance will be communicated by September 17th (Friday). Concurrence of the supervisor is mandatory for presentations by PhD students. **The registration fee is waived off for the presenters.**
- To register as attendees, pay the registration fee and register online; Abstract submission is not required.

CONTACTS

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