RILEM SPRING CONVENTION and SUSTAINABLE MATERIALS, SYSTEMS AND STRUCTURES CONFERENCE Rovinj, Croatia, 18 – 22 March 2019

Six segments (mini-symposiums):
- New Generation of Construction Materials
- Energy Efficient Building Design and Legislation
- Durability, Maintenance and Repair of Structures
- Challenges in Design and Management of Structures
- Novel Methods for Characterization of Materials and Structures
- PhD Symposium

Organized by:

Under the auspice of:

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CONTRIBUTIONS TO THE CONFERENCE SEGMENT MAY BE WITHIN – but are not limited to – THE FOLLOWING TOPICS

- Heat, air and moisture transfer – Assessment of the hygrothermal performance of materials, systems and whole buildings
- Thermal energy storage capacity inclusion for building energy optimisation
- The next generation of high efficiency materials and components
- Advanced building envelope systems and construction technologies
- Low energy-, Nearly zero-, Plus-, and Clean-energy buildings
- Smart buildings: Interactive and adaptive built environment (intelligent monitoring and management systems)
- High energy performing renovation and conservation of buildings
- Ventilation strategies, air movement, air-tightness of buildings
- Occupants behaviour and impact on building performance
- Calculated vs. real energy consumption – Causes of discrepancies, Bridging the gap
- Renewable energy sources and management of innovative energy and power generation
- Building Information Modelling (BIM) for enhancing energy performance of buildings
- Building Resilience: Adapting to urban climate and climate change
- Legal framework and policy instruments for implementation of energy directives

✓ Thank you very much for your kind attention. The Organizing team of RILEM SMSS 2019 is looking forward to welcome you in Rovinj