

# CALL FOR ABSTRACTS & PAPERS

## Presentation

The impact of building materials on the environment has been widely proven and can only be evaluated in a multi-criteria manner.

Today there are no highly recognized and precise reference standards for setting thresholds for defining what is an "eco-material", or an "ecological product" or a "good product for ecological construction". These are intermediate or semi-finished products associated with recycling materials and known products in the construction sector, which are intended to be incorporated in a building. The design of the building as a whole, including a judicious choice of building processes and products will achieve the expected environmental performance. The purpose of the RILEM Spring Convention-CMSS2023 is to bring together world-renowned specialists and to highlight the results of research carried out in the field of materials and structural stability by Rilem's technical committees and academic participants from all continents. For five days, Rilem's technical committees will meet and discuss their specific and current topics. Five rooms will be used to hold meetings and parallel sessions. The large amphitheater will also be dedicated to this event and to the holding of the 4th edition of the international congress on materials and structural stability. For three days, about twenty plenary conferences and keynotes and about a hundred oral communications will be programmed. Posters will be displayed on digital screens throughout the event days.

## Important Conference Deadlines

Call for Abstracts:  
*May 5, 2022*

Approval of abstracts:  
*July 25, 2022*

Submission of Full Papers:  
*October 1, 2022*

Last submission deadline (Abstracts & Papers):  
*January 15, 2023*

Revised Version of Full Papers:  
*February 10, 2023*

Last payment deadline:  
*February 15, 2023*

Approval & Publication of Papers:  
*April 30, 2023*

RILEM Spring Convention Rabat  
06 -10 march 2023  
&  
4th International Congress on  
Materials & Structural Stability  
08 -10 march 2023

Faculty of Science  
Mohammed V University in Rabat  
Morocco

**RSCmss**  
Rabat 2023  
Congress

Hybrid Onsite/Online Conference

"Appropriate choice of environmentally eco friendly processes and materials for expected environmental building performance"

## Partners



## Organizers



T1 Cements & Ceramics	T2 Asphalt Materials & Polymers	T3 Wood & Fibers	T4 Metallic Materials	T5 Energy & Environment	T6 Structures & Historic buildings
<ul style="list-style-type: none"> <li>- Additions</li> <li>- Advanced ceramics</li> <li>- Advanced construction materials</li> <li>- Alkali activated materials</li> <li>- Anti-bacterial ceramics</li> <li>- Bricks</li> <li>- Calcined clays</li> <li>- Cements</li> <li>- Clay minerals</li> <li>- Composite materials</li> <li>- Concretes</li> <li>- Earth-based materials</li> <li>- Fly ash</li> <li>- Glass-ceramics</li> <li>- Glasses</li> <li>- Hybrid materials</li> <li>- Industrial by-products</li> <li>- Marble</li> <li>- Microsilica in Concrete</li> <li>- Mortars</li> <li>- Photovoltaic materials</li> <li>- Rammed earth</li> <li>- Sediments</li> <li>- Silicates</li> <li>- Slag</li> <li>- Stone</li> <li>- Substitution materials</li> <li>- Superplasticizers</li> <li>- Traditional ceramics</li> </ul>	<ul style="list-style-type: none"> <li>- Aggregates</li> <li>- Asphalt</li> <li>- Asphalt recycling</li> <li>- Bituminous materials</li> <li>- Computational and data-driven modeling</li> <li>- Connectors</li> <li>- Cracking</li> <li>- Energy harvesting pavement systems</li> <li>- Enhancing resilience to climate change</li> <li>- Fiber reinforced polymer</li> <li>- Geotextile</li> <li>- Mastics</li> <li>- Materials for Roads</li> <li>- Pavements</li> <li>- Performance engineered design</li> <li>- Specifications</li> <li>- Polymers</li> <li>- Product category rules</li> <li>- Recycling agents</li> <li>- Secondary and marginal material usage</li> <li>- Self-healing materials</li> </ul>	<ul style="list-style-type: none"> <li>- Bamboo</li> <li>- Bindings</li> <li>- Durability of wood</li> <li>- Floor joists</li> <li>- Glued laminated</li> <li>- Hybrid Composites</li> <li>- Life cycle assessment</li> <li>- Lowering carbon footprint</li> <li>- Natural &amp; synthetic fibers</li> <li>- Removing wood</li> <li>- Soundproofing</li> <li>- surface state</li> <li>- Timber framing</li> <li>- Wood for structures</li> <li>- Wood frame</li> </ul>	<ul style="list-style-type: none"> <li>- Alloys</li> <li>- Aluminum</li> <li>- Analytical</li> <li>- characterization</li> <li>- Brass</li> <li>- Carbon Steel</li> <li>- Cast iron</li> <li>- Chemo-mechanical</li> <li>- Composite Mild Steel</li> <li>- Ferrous metals</li> <li>- Lead Metal-Matrix</li> <li>- Materials for batteries</li> <li>- Metals</li> <li>- Silver Stainless</li> <li>- Steel</li> <li>- Surface treatment</li> <li>- Wrought iron</li> <li>- Zinc and Zinc Alloys</li> </ul>	<ul style="list-style-type: none"> <li>- Alkali-aggregate reaction</li> <li>- Biodegradation</li> <li>- Carbonation</li> <li>- Corrosion</li> <li>- Cracking</li> <li>- Cracks and watermarks</li> <li>- Diagnostic Methods</li> <li>- Eco-friendly binders</li> <li>- Electrocatalysis</li> <li>- Energy lowering</li> <li>- Energy storage materials</li> <li>- Environmental products</li> <li>- Fire resistance</li> <li>- Freeze-thaw</li> <li>- Health impacts</li> <li>- Leaching</li> <li>- Life cycle assessment</li> <li>- Low CO2-emission materials</li> <li>- Lowering carbon footprint</li> <li>- Lowering environmental</li> <li>- Materials and health</li> <li>- Monument restoration</li> <li>- Photocatalysis</li> <li>- Reinforcement corrosion</li> <li>- Structural changes</li> <li>- Sulfate attacks</li> <li>- Surface treatment</li> <li>- Thermal properties</li> </ul>	<ul style="list-style-type: none"> <li>- Analysis and computation</li> <li>- Blasting</li> <li>- Bricks</li> <li>- Bridge Decks</li> <li>- Bridges</li> <li>- Building design</li> <li>- Buildings</li> <li>- Buildings aging</li> <li>- Construction diseases</li> <li>- Deterioration mechanisms</li> <li>- Dimensional stability</li> <li>- Dynamics of structures,</li> <li>- Earth</li> <li>- Earthquake</li> <li>- Enclosures</li> <li>- Extreme loads</li> <li>- Historic building materials</li> <li>- Macro-mechanical approach</li> <li>- Masonry</li> <li>- Modelization</li> <li>- Mortars</li> <li>- Seismic vulnerability</li> <li>- Stability of slopes</li> <li>- Stone</li> <li>- Strengthening</li> <li>- Structural engineering</li> <li>- Structural Response</li> <li>- Substrates</li> <li>- Surface consolidation</li> <li>- Timber</li> </ul>

and others...

Submission Papers & Abstract: <https://www.rsc-cmss23.asmatec.org/rsc.cmss23@gmail.com>