

**8th International RILEM Symposium**  
**“Testing and Characterization of Sustainable & Innovative Bituminous**  
**Materials” (SIB2015)**  
**7-9 October 2015, Ancona, Italy**

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The 8th International RILEM Symposium “Testing and Characterization of Sustainable & Innovative Bituminous Materials” (SIB2015) will be held in Ancona, Italy, on 7-9 October 2015.

Since 1968 RILEM conferences and symposia have been a major source of state-of-the-art information on bituminous materials and pavements and have promoted scientific cooperation and knowledge exchange among researchers, practitioners and stakeholders. To this end, the RILEM SIB2015 Symposium can be considered an effective platform where the results of RILEM Technical Committee TC 237-SIB will be presented, discussed and compared with those proposed by the participants coming from all over the world on the basis of their ongoing researches. For this reason the RILEM SIB2015 Symposium represents an invaluable opportunity to outline, clarify and share the main directions of present and future research and standardization for bituminous materials and pavements.

The advances expected to arise from the RILEM SIB2015 Symposium will contribute towards environmentally-friendly and better performing roads, giving proper answers for modern and sustainable infrastructures. The Symposium outcomes will be also used as a basis to improve national and international standards, to pursue worldwide consensus and to promote further coordinate development in this field.

In particular, the main aims of the symposium can be summarized as follows:

Enhance the knowledge on sustainable and innovative bituminous materials in order to support their appropriate application on the pavement network.

Compile a state-of-the art on laboratory and field tests for performance-oriented evaluation of sustainable and innovative bituminous materials and pavement design.

Evaluate quality and application range of test methods as well as their suitability for standardization.

Identify gaps and new research needs.

Promote international networking in the development and implementation of performance-oriented test methods.

Reveal fields of international synergies and coordinate researches.

According to the abovementioned objectives, papers may be submitted on the following Topics:

1. Characterization of binder-aggregate interaction.
2. Innovative testing of bituminous binders, additives and modifiers.
3. Durability and aging of asphalt pavements.
4. Mixture design and compaction analysis.
5. Environmentally sustainable materials and technologies.
6. Advances in laboratory characterization of bituminous materials.
7. Modeling of road materials and pavement performance prediction.
8. Field measurement and in-situ characterization.
9. Innovative materials for reinforcement and interlayer systems.
10. Cracking and damage characterization of asphalt pavements.
11. Pavement design, construction and maintenance.
12. Recycling and re-use in road pavements.

The proceedings of the RILEM SIB2015 Symposium, fully indexed in Web of Science, will be distributed as a book at the conference venue and will enter the RILEM publication series (Springer – RILEM Bookseries). Moreover, Authors of selected papers will be also asked to submit an extended version of their manuscripts for publication on a Special Thematic Issue of the journal *Materials and Structures*.

The deadline for abstracts submission is March 31st, 2014 and the deadline for submission of draft manuscripts is October 31st, 2014.

Please, submit your abstract to: [submission@rilem-sib2015.it](mailto:submission@rilem-sib2015.it)

Further and detailed information on the event are available on the conference website: <http://www.rilem-sib2015.it>

I look forward to meeting all interested colleagues in Ancona.