



# International Symposium on Bituminous Materials

**VIRTUAL MODE  
(on-line only)  
December  
14<sup>th</sup>-16<sup>th</sup> 2020**



## Background and objectives

You are warmly invited to attend the RILEM International Symposium on Bituminous Materials (ISBM Lyon 2020).

In the recent years, an increasing number of RILEM Technical Committees (TCs) have been established within Cluster F (“Bituminous Materials and Polymers”), in order to tackle key scientific challenges related to properties of bituminous materials and structures and innovative practices in the pavement domain.

The symposium will join the strengths of three RILEM TCs, making it an exceptional and unique event:

- Asphalt Pavement Recycling (264-RAP)
- Phase and Interphase behaviour of bituminous Materials (272-PIM)
- Crack-Healing of Asphalt Pavement Materials (278-CHA)

This event will be a wonderful opportunity to share the latest advancements and innovations in the field of asphalt pavements and to bridge the gap between scientific research and applied engineering.

## Topics

### Bituminous materials (bitumen, mastics, mixtures)

- Recycling
- Phase and interphase behaviour
- Cracking and healing
- Modification and innovative materials
- Durability and environmental aspects
- Testing (laboratory, in situ, accelerated) and modelling
- Multi-scale properties
- ...

### Road, railway and airport pavement structures

- Surface characteristics
- Structure performance, modelling and design
- Non-destructive testing
- Back-analysis
- Life Cycle Assessment
- ...

## Key dates

End of early bird on-line registration **Oct 11<sup>th</sup>, 2020**

Deadline for sending posters poster presentations and oral presentations **Nov 27<sup>th</sup>, 2020**

End of regular on-line registration **Nov 30<sup>th</sup>, 2020**



## Proceedings and ISI-journal publication

All the papers presented at the symposium will be published in ISI-indexed proceedings.

Authors of the selected best papers will be offered the possibility to submit an extended version of their research for publication in a special issue of the two ISI-indexed journals:

- *Road Materials and Pavement Design*
- *Journal of Testing and Evaluation*

## On-line participation

The conference will take place in virtual mode. It will be possible to attend the conference **on-line** only.

Plenary and parallel sessions, as well as special poster sessions will be organized.

Pre-recorded presentations will be displayed for papers of registered participants. Authors attending on-line will answer questions from connected participants.

All posters will be available on the conference website for registered participants.

## Best poster awards

For each poster, authors are invited to record a 3-minute video (or commented .ppt file) of maximum 3 slides (maximum 3 minutes) presenting the poster. This will allow competing for ~~one of~~ the two Best poster awards (1<sup>st</sup> and 2<sup>nd</sup> place).

An award jury will evaluate the posters and poster video presentations before the conference. The best 12 candidates will be selected for projection during two special plenary sessions. During these sessions, the 3-minute videos or poster presentations of the selected best 12 candidates will be displayed.

The award jury will select the two best posters (with relative presentations) and the authors will be awarded during the closing ceremony.

## Target audience

The symposium is aimed to all players of the domains of bituminous materials, road, railway and airport pavements structures. Researchers, scientists, engineers, experts, practitioners and students are welcome to meet and exchange their ideas on scientific, technical and environmental aspects related to the use of materials in the conception, design, calculation and construction of resilient and sustainable infrastructures.

### Platinum sponsors



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## Conference organization

### Conference Chairmen

H. Di Benedetto (Univ. de Lyon/ENTPE, France)

C. Sauzéat (Univ. de Lyon/ENTPE, France)

### Chairmen of the Scientific Committee

H. Baaj (Univ. of Waterloo, Canada)

E. Chailleux (Univ. Gustave Eiffel, France)

H. Di Benedetto (Univ. de Lyon/ENTPE, France)

G. Tebaldi (Univ. di Parma, Italy)

### Chairmen of the Organizing Committee

S. Mangiafico (Univ. de Lyon/ENTPE, France)

C. Sauzéat (Univ. de Lyon/ENTPE, France)

### General Secretary

S. Mangiafico (Univ. de Lyon/ENTPE, France)

## Contact

For all information, please send an email to:

[isbmlyon2020@entpe.fr](mailto:isbmlyon2020@entpe.fr)

The official website of the symposium is:

<https://isbmlyon2020.sciencesconf.org>

With the scientific support of



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**Lyon, France**

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Eighth announcement  
(December 2020)