

### **Sponsors and exhibitors**

A specific area of the conference venue will be devoted to sponsors and exhibitors to present the latest products, testing equipment and technology for asphalt materials characterization and innovation.

### **International Scientific Committee**

G. Airey, UK; H. Baaj, Canada; K.P. Biligiri, India; B. Birgisson, USA; F. Canestrari, Italy; A. Cannone Falchetto, Germany; E. Chailleux, France; H. Di Benedetto, France; Z. Fu, China; Y. J. Han, China; B. Hofko, Austria; L. G. Loría Salazar, Costa Rica; X. Lu, Sweden; M. Marasteanu, USA; F. Ma, China; K. H. Moon, South Korea; L. Poulikakos, Switzerland; Y. Qin, China; C. Sauzéat, France; H. Soenen, Belgium; L. Tsantilis, Italy; H. N. Wang, China; M. Wistuba, Germany; W. N. Wang, China; A. Zofka, USA.

### **Important Dates**

Nov. 27, 2017	Submission of paper open
Apr. 10, 2018	Submission of paper due
Jun. 1, 2018	Notification paper acceptance
Sep. 17-18, 2018	RILEM 252-CMB Symposium
Sep. 19-20, 2018	RILEM Cluster F- TCs Annual Meeting



**RILEM 252-CMB-SYMPOSIUM  
BRAUNSCHWEIG, GERMANY  
SEPTEMBER 17 – 18, 2018**

**CHEMO MECHANICAL CHARACTERIZATION OF BITUMINOUS MATERIALS**

**RILEM 252-CMB – Symposium**

**September 17<sup>th</sup> – 18<sup>th</sup>, 2018**

**FourSide Hotel Braunschweig, Germany**

Second Announcement

Call for Papers

## Background

The RILEM TC 252-CMB international symposium aims to attract researchers and practitioners from different fields presenting the latest findings in the characterization of bituminous materials chemically, mechanically, and microstructurally. Papers on new and cutting edge, innovative techniques for the characterization of bituminous materials gaining new insights into current issues such as aging, moisture, and temperature are sought. The area of research is not limited to application in road pavements; contributions from other areas of bituminous materials are welcome. Authors interested in submitting a paper are invited to prepare a 6-page document, including a maximum of three figures, motivation, objectives, materials and methods and the most important findings of their research.

## Conference Topics

1. Bitumen aging mechanisms and characterization
2. Chemo-mechanical coupling
3. Low, intermediate and high temperature behavior
4. Microstructure and micro-mechanics
5. Thermal properties
6. Recycling and rejuvenation
7. Nanotechnology for bituminous materials
8. Multiphase analysis of binders

## Location

FourSide Hotel Braunschweig, Jöddenstraße 3, 38100 Braunschweig, Germany

## Conference Chairs

Chair: Lily Poulikakos, EMPA, Switzerland

Chair: Augusto Cannone Falchetto, TU Braunschweig, Germany

Co-Chair: Bernhard Hofko, TU Wien, Austria

Co-Chair: Laurent Porot, Kraton, The Netherlands

Co-Chair: Hervé Di Benedetto, Université de Lyon, France

Co-Chair: Michael P. Wistuba, TU Braunschweig, Germany

## Contributions and Publication

Authors are encouraged to submit a short 6-page document (springer template). Papers must be written and presented in English. Proceedings will be published online and available under SpringerLink. The 20 best contributions will be selected for oral presentation while the remaining papers will be presented in a poster session. A selection of the 6 most significant contributions will be invited to submit an extended version for consideration in the International Journal of Road Materials and Pavement Design. All other papers will have the option to be published in a special edition of the "Journal of Traffic and Transportation Engineering (English Edition)".

Contributions can be directly submitted to:

### Secretariat

Technische Universität Braunschweig, ISBS - Braunschweig Pavement Engineering Centre, Beethovenstraße 51 b, 38106 Braunschweig, Germany. Phone: +49 (0)531-391 62051;

Rilem-CMB@tu-bs.de

rilem-cmb2018.de

## Language

The official language of Rilem CMB Symposium is English.