

# 20<sup>th</sup> International Conference on Building Materials

12.-14. SEPTEMBER 2018

WEIMAR

CALL FOR PAPERS



F.A. Finger-Institut für Baustoffkunde

Bauhaus-Universität Weimar

## PRELIMINARY INVITATION

BAUHAUS-UNIVERSITÄT WEIMAR  
F.A. FINGER INSTITUTE  
FOR BUILDING MATERIAL ENGINEERING (FIB)

By establishing the International Conference on Building Materials 'ibausil' in 1964 an international forum for the exchange of scientific views was created. One aim of the conference has always been to bring researchers from universities and industrial enterprises, from the east and the west, together in the geographical centre of Europe. The **20<sup>th</sup> ibausil** will continue this tradition.

As in the past, the main emphasis is put on problems of the development and application of building materials.

You are kindly invited to the **20<sup>th</sup> ibausil**.

## MAIN TOPICS OF THE CONFERENCE

The main topics of the conference are grouped according to materials and will deal with problems of both basic research and applied science, ranging from new buildings and revitalisation to the preservation of monuments. Methodologically-oriented contributions (production engineering, ecology, ensuring of quality, test methods and test processings, assessments of actual building state, effects of admixtures, additives and aggregates) should therefore be classified according to application.

### 1 Inorganic binders

- 10 Cement production process
- 11 Type of cements and cement properties
- 12 Cement hydration
- 13 Effect of admixtures
- 14 Binders and materials on the base of calcium sulphate
- 15 Special binders

### 2 Concretes and Durability of concrete

- 20 Concrete and aggregates
- 21 High performance concrete
- 22 Self-compacting concrete and rheology
- 23 Special concretes (Fibre c., Carbon c., Shotcrete c. and Highway c.)
- 24 Additive manufacturing / 3D-Printing
- 25 Polymer cement mortars and polymer cement concrete
- 26 Alkali-silica reaction
- 27 Sulphate attack and formation of thaumasite and late ettringite
- 28 Concrete reinforcement influence of chlorides, carbonation
- 29 Freeze-thaw and freeze-deicing-salt resistance

### 3 Walling materials / Construction maintenance / Recycling

- 30 Building protection and maintenance
- 31 Ashlar / natural stone masonry
- 32 Building ceramics
- 33 Calcium-silicate brick and C-S-H-insulating materials
- 34 Light-weight concrete and autoclaved aerated concrete
- 35 Mortar, plaster mortar and floor screed materials
- 36 Adhesives / binding materials and filling compounds
- 37 Recycling of building materials

## GENERAL REMARKS

### Submission of papers

Authors are invited to submit an abstract by using the form on the official ibausil website ([www.ibausil.de](http://www.ibausil.de)) until

**November 1<sup>st</sup>, 2017**

Each speaker should submit only one paper, but co-authorship on other papers is possible and welcome. The conference committee will decide on the acceptance of the papers and will notify the authors by January 31, 2018. The accepted papers will be published in the conference proceedings and on USB-stick. For this purpose, full papers have to be submitted to the organizing office by May 31, 2018.

### Conference languages

The conference languages are German and English. There will be a simultaneous interpreting in German-English as well as English-German in the main auditorium. In the other lecture halls translation will not be provided.

### Conference fee

The conference fee will probably amount to 650 €. This fee will be reduced for presenters (but not for co-authors) by about 15 %.

### Important Dates: 20<sup>th</sup> ibausil September, 12<sup>th</sup> - 14<sup>th</sup> 2018

deadline for abstract submission	01.11.2017	P
Early registration for exhibition due	01.11.2017	P
Early registration for attendees	01.11.2017	P
Notification for abstract acceptance	31.01.2018	O
Invitation	31.03.2018	O
final paper submission	31.05.2018	P
deadline for early registration	30.06.2018	P
payment for participation due	30.06.2018	P
Participation confirmation right after registration		O

O = organizing office activities  
P = participants activities