

## INVITATION

### 16<sup>th</sup> Bohemian-Saxon-Silesian Mechanics Colloquium



**December 4, 2010**

**Institute for Structural Analysis  
Faculty of Civil Engineering  
Technische Universität Dresden**

### Personal Invitation

This invitation intends to continue the successful tradition of bringing together colleagues of different fields of mechanics from our region beyond the national borders within the "16<sup>th</sup> Bohemian-Saxon-Silesian Mechanics Colloquium". Therefore, it is a pleasure to invite you to come to Dresden and to be guest of the Institute for Structural Analysis. We are looking forward to the meeting and to fruitful discussions.

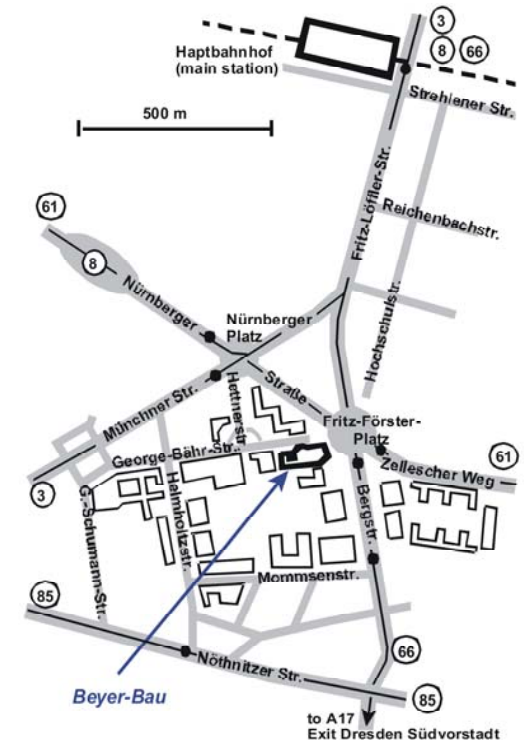
Prof. Dr.-Ing. habil. Michael Kaliske

### Program

- 9:00 *Coming together*
- 10:00 M. Kaliske  
Welcome Addresses
- 10:15 J.-U. Sickert, F. Steinigen, W. Graf, M. Kaliske  
Numerical Methods for TRC Strengthening  
under Consideration of Uncertainty
- 10:35 I. Wollny, C. Zopf, M. Kaliske  
ALE-Formulation for Tire-Pavement-Interaction
- 10:55 H. Dal, M. Kaliske  
Micromechanics Based Approaches for  
(Un)vulcanized Rubber: Theory and Numerics
- 11:15 *Coffee Break*
- 11:45 W. Weber, B. W. Zastra  
Aspects of SH Wave Scattering  
by an Eccentric Obstacle
- 12:05 J. Stamm, U. Helbig  
Determination of Hydraulic Forces on Cascades –  
a Challenge for Modelling
- 12:25 Laboratory Visit  
Hubert-Engels-Labor
- 13:00 *Lunch*
- 14:00 Individual Program  
e.g. Dresden Striezelmarkt

### Venue

The colloquium will take place in the Beyer-Bau,  
room Bey 118 (George-Bähr-Straße 1).



### Registration

Participants should register till **November 26, 2010**.  
Please use the online registration form  
<http://www.tu-dresden.de/isd>

### Contact

Prof. Dr.-Ing. habil. Michael Kaliske  
Institute for Structural Analysis  
Faculty of Civil Engineering  
Technische Universität Dresden  
01062 Dresden

Tel.: +49 (0)351 / 46 33 43 86  
Fax: +49 (0)351 / 46 33 70 86  
e-mail: michael.kaliske@tu-dresden.de