

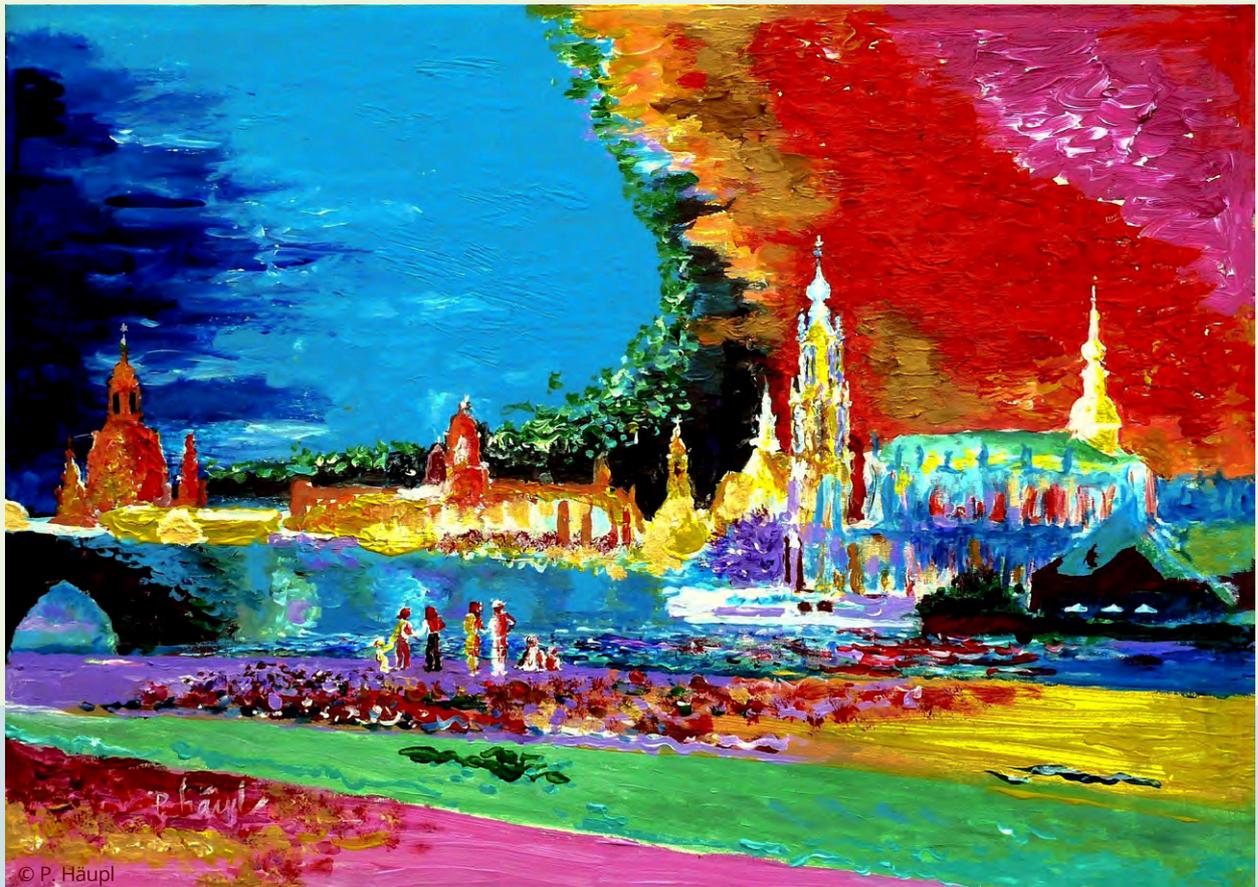
# PROCEEDINGS

CESBP  2016

**BauSIM**  
2016

## CENTRAL EUROPEAN SYMPOSIUM ON BUILDING PHYSICS 2016 / BauSIM 2016

September 14–16, 2016  
**DRESDEN, GERMANY**



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UNIVERSITÄT  
DRESDEN

J. Grunewald



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Symposium on Building Physics**

**AND**

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## IMPRINT

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## **PREFACE**

### **DEAR PARTICIPANTS AND GUESTS OF CESBP AND BAUSIM 2016!**

We are delighted to welcome you in Dresden at the joint-conference of CESBP and BauSIM. During the three days, researchers and experts will share and discuss their experiences and project results on different topics of building physics as well as of building and plant simulation. The large number of submitted papers on various topics finally selected by the scientific committee reflects the variety and complexity of specific research questions concerning building physics, buildings and systems. As shown in the official program, a large part is dedicated to those contributions in the field of simulation applications focused on lifecycle aspects of buildings, district balancing, as well as the interaction of Building – System – Human. Two full days of presentations on dataflow and numerical procedures are offering a sufficient number of topics for all fans of simulation techniques open for hopefully interesting and inspiring discussions with colleagues.

We hope that the event may provide an appropriate framework for the successful exchange of information and the permanent professional networking, so that you keep your stay in Dresden in good memory.

### **LIEBE TEILNEHMENDE UND GÄSTE VON CESBP UND BAUSIM 2016!**

Wir freuen uns sehr, Sie hier in Dresden zu der gemeinsamen Konferenz von CESBP und BauSIM begrüßen zu dürfen. In den drei Veranstaltungstagen werden Forscher und Fachexperten ihre Erfahrungen und Projektergebnisse zu unterschiedlichsten Themen aus der Bauphysik sowie der Gebäude- und Anlagensimulation teilen und zur Diskussion stellen. Die große Zahl der eingereichten und durch die wissenschaftlichen Komitees für das Programm ausgewählten Beiträge zu den Themenschwerpunkten ist Ausdruck der Vielfalt und Komplexität konkreter bauphysikalischer, gebäude- und anlagentechnischer Forschungsfragen. Wie aus dem Programm ersichtlich, nehmen im Bereich der Simulationsanwendungen Beiträge zu den Lebenszyklusbetrachtungen von Gebäuden, der Quartiersbilanzierung, sowie der Interaktion von Gebäude-Anlage-Mensch einen großen Raum ein. Für die Freunde der Simulationstechniken bieten zwei volle Tage mit Referaten zu Datenflusketten und numerischen Lösungsverfahren auch ausreichend Stoff für hoffentlich interessante und anregende Gespräche mit Fachkolleginnen und -kollegen.

Wir wünschen uns, dass die Veranstaltung so einen geeigneten Rahmen für den erfolgreichen Informationsaustausch und die bleibende fachliche Vernetzungen bieten kann, so dass Sie Dresden in guter Erinnerung behalten.

Prof. Dr.-Ing. John Grunewald

Prof. Dr.-Ing. Clemens Felsmann



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