

Please send this registration form by mail or fax to

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Alternatively, you may send a scanned version of the registration form to smmm3@uni-due.de.

▪ KEYNOTE SPEAKERS

We are glad to welcome several Keynote Speakers in the Physikzentrum Bad Honnef:

Marin Alexe

University of Warwick, United Kingdom

Kaushik Bhattacharya

California Institute of Technology, USA

Ingrid Cañero Infante

CNRS ECL INSA UCBL CPE, Lyon, France

Jacob L. Jones

North Carolina State University, USA

Barbara Kaltenbacher

Alpen-Adria-Universität Klagenfurt, Austria

Marc Kamlah

Karlsruhe Institute of Technology, Germany

Christopher S. Lynch

University of California, USA

Eckhard Quandt

Christian-Albrechts-Universität zu Kiel, Germany

Tarek I. Zohdi

University of California at Berkeley, USA

▪ LOCAL COMMITTEE “FERROIC FUNCTIONAL MATERIALS”

Thorsten Bartel (TU Dortmund)
Dominik Brands (U Duisburg-Essen)
Marc-Andre Keip (U Stuttgart)
Björn Kiefer (TU Bergakademie Freiberg)
Doru C. Lupascu (U Duisburg-Essen)
Andreas Menzel (TU Dortmund)
Ralf Müller (TU Kaiserslautern)
Jörg Schröder (U Duisburg-Essen)
Paul Steinmann (FAU Erlangen-Nürnberg)
Bob Svendsen (RWTH Aachen)
Heiko Wende (U Duisburg-Essen)
Bai-Xiang Xu (TU Darmstadt)

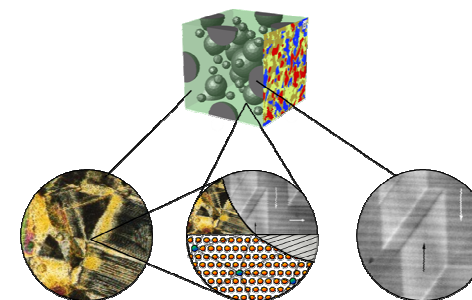
▪ ORGANIZERS

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THIRD SEMINAR ON THE MECHANICS OF MULTIFUNCTIONAL MATERIALS (SMMM3)

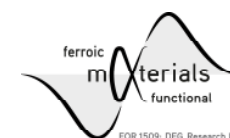


June 11 – 15, 2018

ANNOUNCEMENT

Registration: 31st December 2017
Abstract and Payment 11th February 2018

www.uni-due.de/mechanika/SMMM3.php



Gefördert durch
DFG Deutsche
Forschungsgemeinschaft

OBJECTIVES OF THE SEMINAR

The aim of the seminar is to discuss various aspects of multifunctional materials like experimental methods, modeling techniques, and numerical simulations. The event intends to foster greater interaction among both young and established researchers from continuum mechanics, applied mathematics and materials science working in the following fields:

- Theoretical and computational modeling of multifunctional materials (ferroelectrics, ferromagnets, multiferroics, shape memory alloys, thermoelectrics, electrocalorics, electro- and magnetoactive polymers, ...),
- Mathematical analysis, variational formulations,
- Multiscale methods, homogenization techniques, computation of effective properties of heterogeneous materials,
- Experimental investigations, device development, novel industrial applications.

PROGRAM

- June 11 (Mon): 12:00: Arrival and lunch,
15:00: Beginning of seminar,
June 13 (Wed): 15:00: Social event
June 15 (Fri): 14:00: End of seminar & departure.

Each lecture is expected to last 30 minutes including discussion.

CONFERENCE LANGUAGE

Lectures are given in English.

SEMINAR WEBPAGE

For additional information and the LaTeX template for preparation of abstracts see the seminar webpage www.uni-due.de/mechanika/SMMM3.php.

ACKNOWLEDGEMENT

Financial support of the Deutsche Forschungsgemeinschaft (DFG) in the framework of the Forschergruppe 1509 entitled "Ferroische Funktionsmaterialien – Mehrskalige Modellierung und experimentelle Charakterisierung" is gratefully acknowledged.

VENUE

Since 1976 the Physikzentrum Bad Honnef (PBH) serves as the main meeting point of the German Physical Society. It offers a secluded setting for research conferences, seminars, and workshops, and has proved to be especially stimulating for fruitful discussions. The stately mansion housing the PBH is surrounded by a park at the foot of the Siebengebirge on the right bank of the Rhine river. In the neighborhood an extensive net of hiking-paths in Germany's oldest nature preserve invites pleasant short or long walks (refer also to www.pbh.de).

ACCOMODATION

Accommodation is included in the conference fee and provided in the Physikzentrum Bad Honnef (see www.dpg-physik.de/dpg/pbh/haus/uebernachtung.html). Please note that only a limited amount of rooms can be provided in the Physikzentrum.

PAYMENT

The conference fee is EUR 500 and includes accommodation and full board. It has to be paid **no later than 11th February 2018** by bank transfer. See seminar webpage for details on bank account.

REGISTRATION

- Online web form on seminar webpage or
- Fax or email using registration form

EXTENDED ABSTRACTS

If you plan to give a lecture, please send an extended abstract (four pages including figures) in LaTeX format via e-mail to smmm3@uni-due.de. A LaTeX template can be found on the seminar webpage.

DEADLINES

- Registration: 31th December 2017
Abstract and Payment: 11th February 2018

Third Seminar on
The Mechanics of Multifunctional Materials
June 11–15, 2018, Bad Honnef

REGISTRATION FORM

(alternatively, use web form on webpage)
https://www.uni-due.de/mechanika/smmm3_registration

Name:

Institution:

Address:

Phone:

Fax:

Email:

I plan to give a lecture.

The prospective title of my lecture is:

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Date/Signature