

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 smmm2@uni-due.de.

▪ KEYNOTE SPEAKERS

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

Prof. Richard D. James, Ph.D.
University of Minnesota, USA

Prof. Dr.-Ing. Marc Kamlah
Karlsruhe Institute of Technology, Germany

Prof. Dr.-Ing. Sven Klinkel
RWTH Aachen University, Germany

Prof. Dr.-Ing. Meinhard Kuna
TU Bergakademie Freiberg, Germany

Prof. Robert M. McMeeking, Ph.D.
University of California, USA

Prof. Dr.-Ing. Eckhard Quandt
Kiel University, Germany

▪ LOCAL COMMITTEE “FERROIC FUNCTIONAL MATERIALS”

Thorsten Bartel (TU Dortmund)
Dietmar Gross (TU Darmstadt)
Björn Kiefer (TU Dortmund)
Doru C. Lupascu (U Duisburg-Essen)
Andreas Menzel (TU Dortmund)
Christian Mieke (U Stuttgart)
Ralf Müller (TU Kaiserslautern)
Jörg Schröder (U Duisburg-Essen)
Paul Steinmann (FAU Erlangen-Nürnberg)
Bob Svendsen (RWTH Aachen)

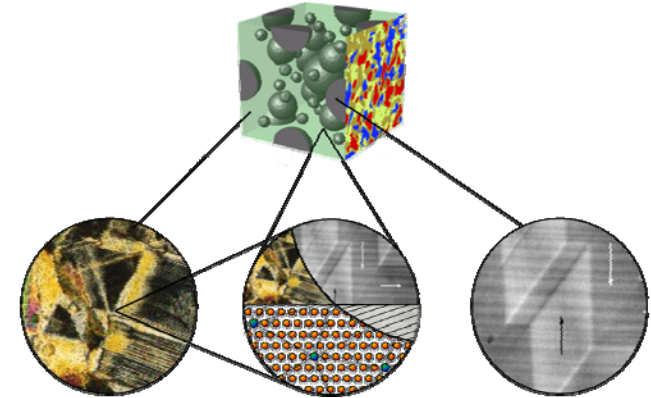
▪ ORGANIZERS

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SECOND SEMINAR ON THE MECHANICS OF MULTIFUNCTIONAL MATERIALS



May 5 – 9, 2014

▪ 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

May 5 (Mon): 12:00: Arrival and lunch,
15:00: Beginning of seminar,
May 9 (Fri): 14:00: End of seminar and departure.

Each lecture is expected to last 30 minutes including discussion.

▪ CONFERENCE LANGUAGE

Lectures are given in English.

▪ SEMINAR HOMEPAGE

For additional information and the LaTeX template for preparation of abstracts see the seminar web page www.uni-due.de/mechanika/SMMM2.shtml.

▪ 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 neighbourhood 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 (refer to 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 450 and includes accommodation and full board. It has to be paid no later than 17th January 2014 by bank transfer to:

Bank: Sparkasse Essen
Holder: Universität Duisburg-Essen
Account no.: 248 997
Bank code: 360 501 05
IBAN: DE75 3605 0105 0000 2489 97
BIC: SPESDE 3EXXX
Reference 1: PSP 4104100050010
Reference 2: name of the participant

▪ REGISTRATION AND ABSTRACTS

For registration please use the attached registration form. If you plan to give a lecture, please send an extended abstract (four pages including figures) in LaTeX format via e-mail to smmm2@uni-due.de. A LaTeX template can be found on the seminar web page www.uni-due.de/mechanika/SMMM2.shtml.

▪ DEADLINES

Registration: 15th November 2014
Abstract and Payment: 17th January 2014

Second Seminar on
The Mechanics of Multifunctional Materials
May 5–9, 2014, Bad Honnef

REGISTRATION FORM

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