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Université Paris-Nord
99, Avenue J.-B. Clément
93430 - Villetaneuse, France

GAMM ACTIVITY GROUP “ANALYSIS OF MICROSTRUCTURES”

Hans-Dieter Alber (TU Darmstadt)
Carsten Carstensen (HU Berlin)
Sergio Conti (Universität Bonn)
Georg Dolzmann (Universität Regensburg)
Marc Geers (TU Eindhoven)
Klaus Hackl (Ruhr-Universität Bochum)
Christian Mieke (Universität Stuttgart)
Alexander Mielke (HU Berlin)
Stefan Müller (Universität Bonn)
Patrizio Neff (Universität Duisburg-Essen)
Jörg Schröder (Universität Duisburg-Essen)
Ben Schweizer (TU Dortmund)
Erwin Stein (Universität Hannover)
Paul Steinmann (Universität Erlangen-Nürnberg)
Martin Wagner (TU Chemnitz)
Peter Wriggers (Universität Hannover)
Kerstin Weinberg (Universität Siegen)

LOCATION

The seminar will be hosted at Institut Henri Poincaré
in Paris. For further information please visit

www.mechbau.uni-stuttgart.de/gamm-micro

ORGANIZERS

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Prof. Dr.-Ing. Christian Mieke

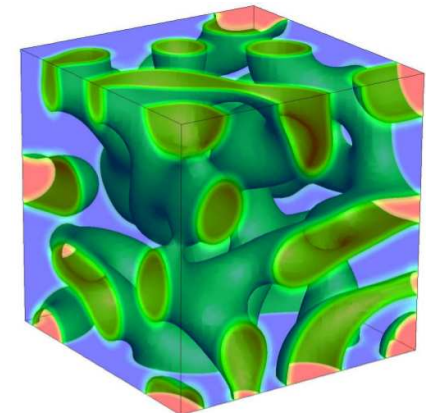
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First Announcement

15th GAMM-Seminar on Microstructures



Universität Stuttgart
Germany

January 22–23, 2016

OBJECTIVES

The seminar will focus on various aspects of microstructures in solid mechanics, material science and applied mathematics:

- theoretical and computational modeling of materials with evolving microstructures (plasticity, damage, phase transitions, electro-magneto-mechanics, ...),
- experimental results on the formation and evolution of microstructure (lamination, phase transformation,...),
- mathematical analysis, variational formulations, treatment of non-convex problems, relaxation methods,
- multiscale methods and computational tools for the determination of effective properties of micro-heterogeneous materials.

The seminar is intended to give the opportunity to discuss and compare different approaches to the above areas as well as to stimulate and create perspectives for future research. It provides a platform for the interaction among young and established researchers in solid mechanics, mathematics and material science.

TENTATIVE TIMETABLE

Jan 21 Informal social event
Jan 22 Lectures, activity group meeting
evening conference dinner
Jan 23 Lectures until early afternoon

The regular lectures will be 30 min. including 5 min. for discussion. For the keynote presentations 45 min. will be reserved.

ABSTRACTS

Abstracts should be submitted before October 31, 2015. A \LaTeX template and style file are available for download on the seminar webpage.

KEYNOTE LECTURERS

Antoine Gloria (Université Libre de Bruxelles)
Dennis M. Kochmann (Caltech)
Jean-Jacques Marigo (École Polytechnique)
Mark Peletier (TU Eindhoven)

REGISTRATION

The conference fee of €80,- covers break refreshments, a booklet of abstracts and further supplies. Accompanying persons will be charged €50,-. Payment is requested by October 31, 2015.

Bank: Baden-Württembergische Bank,
Stuttgart, Germany
Account Holder: Universität Stuttgart
IBAN: DE51 6005 0101 7871 5216 87
SWIFT/BIC: SOLADESTXXX
Purpose: Finanzstelle: 021010
Fondsnummer: 86027504
Name of Participant

15TH GAMM-SEMINAR ON MICROSTRUCTURES

Paris, France
22–23 January, 2016

Registration Form

Family Name:

First names:

Title:

Affiliation:

Address:

.....

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Tel.:

Fax:

E-mail:

I would like to ...

... participate in the Seminar

... present a lecture

entitled:

.....

... take part as an accompanying person

Please respond before October 31, 2015

Registration by email is also welcome:
gamm-micro@mechbau.uni-stuttgart.de