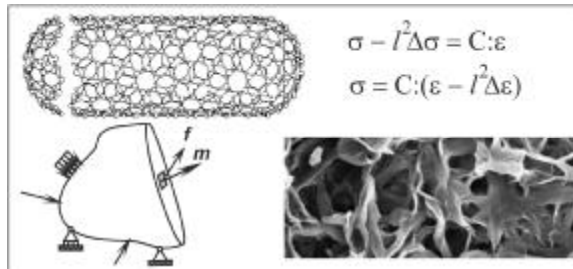


1st Circular



Advanced Seminar

Generalized Continua as Models for Materials with Multi-scale Effects or under Multi-field Actions

Date: 21-26 September 2015

Organized by:

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Generalized Continua are in the focus of scientists from the end of the 19th century. A first summary was given in 1909 by the Cosserat brothers. After World War II a true renaissance in this field occurred with a publication of Ericksen & Truesdell in 1958. Further developments were connected with the fundamental contributions of scientists from Germany, Russia, and France. During the last years two colloquia held in Paris in 2009 and celebrating the centennial of the Cosserat book. In addition, previous trilateral seminars "Mechanics of Generalized Continua - from Micromechanical Basics to Engineering Applications" (2010, 2012) and the CISM Course "Generalized Continua - from the Theory to the Engineering Applications" discussed problems related to the theory and applications. During the new Advanced Seminar attention will be paid on the most recent research items, i.e., new generalized models, materials with significant microstructure, multi-field loadings or identification of constitutive equations. Last but not least, a comparison with discrete modelling approaches will be discussed.

Important dates:

Abstract Submission: 01/11/2014

Notification of abstract acceptance: 15/11/2014

Full paper submission: 15/12/2014

Notification of the full paper acceptance:
01/04/2015

Registration opens on: 01/01/2015

Registration deadline: 01/03/2015

Camera-ready paper submission deadline:
01/05/2015

On-site registration: 21/09/2015

Conference dates: 21-26/09/2015

Scientific Board:

Holm Altenbach (Co-chair)

Samuel Forest (Co-chair)

Stéphane Berbenni (Metz, France)

Albrecht Bertram (Magdeburg, Germany)

Victor Eremeyev (Magdeburg, Germany)

Vladimir Erofeev (Nizhnii Novgorod, Russia)

Francesco dell'Isola (Roma, Italy)

Elena Ivanova (St. Petersburg, Russia)

Mikhail Karyakin (Rostov, Russia)

Thomas Michelitsch (Paris, France)

Wolfgang H. Müller (Berlin, Germany)

Patrizio Neff (Duisburg-Essen, Germany)

Paul Steinmann (Erlangen, Germany)

Publication:

The conference papers accepted after review will be published by Springer in the Series **“Advanced Structured Materials”** (<http://www.springer.com/series/8611>) and will be available at the Conference.

Registration and other Fees:

Euro (€)	
200	Regular participant
250	On-side registration
10	City tour Magdeburg
40	Excursion
50	Banquet

The regular fee includes: welcome reception, proceedings, and coffee breaks.

City tour, excursion, and banquet should be booked for each person (participant and accompanying person) separately.

The conference fee should be paid before **1 May 2015**.

Venue:

The conference venue is the Experimental Factory (www.exfa.de) close to main campus of Magdeburg University. The Experimental Factory is a research and transfer center for application orientated research in the areas of production and process innovation. In addition, there are several conference rooms. The building was awarded in 2002 by the RIBA Prize for Architecture 2002.



Nearby the Experimental Factory are some hotels and restaurants, pubs, etc. It is close to the Elbe embankment and within a 20 minutes walk distance to the center of Magdeburg.

For further information please visit the homepage of Magdeburg <http://www.magdeburg.de/>



You reach Magdeburg by train (ICE/IC from Leipzig, Halle, Hannover or Frankfurt/Main, local trains from Berlin) or by car (highways A2 from Hannover or Berlin, A14 from Leipzig). For detailed information of your train connection please check the homepage of "Deutsche Bahn" (German Railway), by following this site <http://reiseauskunft.bahn.de>.

The nearest airports are located in Berlin-Tegel (TXL) or Berlin-Schönefeld (SFX) and between Leipzig and Halle (LEJ).

Contact:

Website: <http://www.ovgu/ifme/gc2015/gc2015.html>

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