

Division of Metal and Material Physics Symposium Fundamentals of Fracture

SYMPOSIUM ORGANIZERS

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FURTHER INFORMATION

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Twitter: @fundfracture
<http://tinyurl.com/fundfracture>



HOST

Deutsche Physikalische Gesellschaft  DPG

www.dpg-physik.de
Information on the Spring Meeting:
<http://regensburg13.dpg-tagungen.de>

LOCATION

Universität Regensburg, Universitätsstraße 31
93053 Regensburg, Germany



**ENGINEERING
OF ADVANCED
MATERIALS**

Cluster of Excellence

Engineering of Advanced Materials (EAM)

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SYMPOSIUM FUNDAMENTALS OF FRACTURE

**DPG Spring Meeting 2013
10–15 March 2013
Regensburg, Germany**



**FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG**

FUNDAMENTALS OF FRACTURE

DPG Spring Meeting 2013

This symposium is intended as an international forum for the presentation and discussion of the latest scientific developments related to fundamental mechanisms and physics of fracture.

The general theme of the Fundamentals of Fracture Symposium is to cover all aspects of fracture at a fundamental level, rather than specific engineering approaches.

We aim at bringing together specialists from the fields of solid state physics, materials science, continuum mechanics, statistical physics and mathematics.

The symposium will cover theory, multi-scale modeling and recent experimental advances related to

- Interaction of cracks with the microstructure
- Interplay of fracture and plasticity
- Initiation of fracture
- Fracture of nanostructures and -materials
- Influence of constraints on fracture
- Fracture of disordered materials
- Statistical aspects of fracture
- Dynamic fracture
- Environmental effects on fracture

INVITED SPEAKERS

Steve Roberts University of Oxford, UK

Stefano Zapperi CNR IENI Milan, IT

Horst Vehoff Universität des Saarlandes, DE

Paul Steinmann FAU Erlangen-Nürnberg, DE

IMPORTANT DATES

01.12. 2012 Deadline for abstract submission

30.01. 2013 Deadline early bird registration

06.03. 2013 Deadline online registration (normal fee)

CONFERENCE FEE early bird/normal

Students: 120/150 €

Regular Participant: 240/270 €

Reductions for DPG-Members

REGISTRATION & ABSTRACT SUBMISSION

<http://regensburg13.dpg-tagungen.de>

ABOUT THE MEETING

The Spring Meeting of the German Physical Society DPG is one of the largest Physics congresses in Europe with over 10,000 international participants. The meeting in Regensburg is focussed on condensed matter physics.

CONFERENCE VENUE

Regensburg is Germany's only surviving mediaeval city and as such part of the UNESCO World Heritage. Situated in the middle of Bavaria, it can easily be reached from both the Nürnberg and the Munich Airport.

LOCATION Universität Regensburg

Universitätsstraße 31, 93053 Regensburg, Germany

