

MEMIN Impact Cratering Workshop

28.09.-29.09.2011

Institute for Geosciences – Geology

University of Freiburg

Albertstr. 23b

79104 Freiburg

On behalf of the MEMIN research group we would like to invite you to participate in the MEMIN Impact Cratering Workshop on the 28th and 29th of September in Freiburg, Germany.

The MEMIN research group (Multidisciplinary Experimental and Modeling Impact Research Network), founded in 2009 as a delocalized research unit of the German Research Foundation (DFG), is focused on impact cratering experiments into geological materials to further our knowledge of the dynamics of impact cratering, to validate numerical models, and to understand petrophysical properties of impact damaged rocks. MEMIN's novel approach is based on a multidisciplinary collaboration of geoscientists, physicists, numerical modelers and engineers from seven institutions in Germany and the US.

The main objective of this workshop is to bring together scientists from different fields of expertise to discuss topics related to experimental impact cratering. Ideas and results will be presented by invited speakers, and contributions of guests and MEMIN researchers will be given in oral and poster format.

This meeting is also intended to inspire new projects and open possibilities for future, international collaboration between the workshop participants and MEMIN researchers in the upcoming 2nd phase of the MEMIN research group.

Program

Wednesday, 28th September

14:00-14:30 Greetings and general introduction, overview of the MEMIN Research Unit

Session I: Cratering Experiments

14:30-17:30 Keynote Speaker: Olivier Barnouin

Plus further talks by workshop participants and MEMIN researchers

Evening Program:

18:00-21:45 Evening reception and guided tour of the “Bursenkeller” with regional wines and a hot buffet

Thursday, 29th September

Session II: Numerical Modeling

9:00-11:15 Keynote Speaker: Natalia Artemieva

Plus further talks by workshop participants and MEMIN researchers

Session III: Shock, Damage & Projectile Analysis

11:15-12:50 Talks by workshop participants and MEMIN researchers

Session IV: Geophysical and Petrophysical Analysis

13:30-16:15 Keynote Speaker: Jeff Plescia

Plus further talks by workshop participants and MEMIN researchers

16:15-17:15 Guided tour of the Light Gas Accelerator facilities of the EMI Freiburg

Friday, 30th September

Closed Session for MEMIN researchers and potential applicants and collaborators for the 2nd phase of the MEMIN research project

Registration and fees

Registration is possible until **15 August**. To do so, please send an email with your name, affiliation and address to: michael.poelchau@geologie.uni-freiburg.de

The workshop fee is **60 €**. This fee covers workshop services, including coffee and lunch breaks, and the Wednesday evening reception. To ease transactions, the fee will be collected at the start of the workshop in cash.

Location

The workshop will take place at the

*University of Freiburg
Institute for Geosciences – Geology
Albertstr. 23b, 79104 Freiburg*

[Map](#) [Website](#)

Accommodation

Recommended hotels in the area include:

[Hotel am Stadtgarten](#) [Intercity Hotel](#) [City Hotel](#) [Hotel Rheingold](#) [Hotel Oberkirch](#) [Hotel Victoria](#)

Please note: The Pope will be visiting Freiburg on 24.-25.09. We advise participants to book hotels as early as possible!

Getting to Freiburg

Basel/Mulhouse airport; 1 hour shuttle to Freiburg

Frankfurt Airport; 2 hour train ride to Freiburg

Zürich Airport; 2 ½ hour train ride to Freiburg

The Institute for Geosciences and most hotels are within reasonable walking distance from the train station. [Public transport](#) is also available ([map](#)).

Tourist Information

Enjoy seeing the historic center of Freiburg with its “Bächle”, try the regional wines, or take hikes through the Black Forest and Kaiserstuhl. France and Switzerland are also close by for a day trip to Basel, Strasbourg or Colmar. More information [here](#).

Contact Information:

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