The conference will take place at the hotel "Haus am Weinberg" in Sankt Martin in the Palatinate, Germany. The hotel is located on the top of a vineyard and offers a spectacular view of the Upper Rhine Valley (see below).

The neighbourhood offers a series of possibilities for beautiful hiking tours and bicycle tours. Moreover, Sankt Martin is located near the German Wine Street (Deutsche Weinstraße).

Other interesting places like Heidelberg, Speyer, or the Alsace can also be reached within approximately one hour.

This workshop is supported by the following institutions and initiatives:

UNIVERSITÄT SIEGEN

Fachbereich Mathematik der TU Kaiserslautern

TECHNISCHE UNIVERSITÄT KAISERSLAUTERN

(CM)²

Fraunhofer ITWM

Math 2013

Geomathematics 2013

Workshop Honouring Willi Freeden's 65th Birthday

15 April – 17 April 2013

You are a mathematician and you are interested in geoscientific applications? Or are you a geoscientist and your research involves sophisticated mathematics? Then do not miss this conference!

Register now at:

www.geomathematics2013.de

Geomathematics is an emerging new scientific area. Its increasing importance is due to visionary scientists such as Willi Freeden. This workshop is dedicated to the interdisciplinary research of mathematicians and geoscientists. It provides a platform for scientists working in the intersection of these areas to present and discuss novel solutions and open problems. Besides the invited lectures, contributed talks, in particular also by junior scientists, from all areas of the interface of mathematics and the geosciences are welcome.

Examples of relevant topics for the conference are:

- constructive approximation on the sphere and the ball
- gravity and magnetic field modelling
- inverse problems
- mathematical seismology
- numerical methods for partial differential equations
- satellite data analysis
- statistical and stochastic methods

However, contributions to further topics from geomathematics are also welcome.
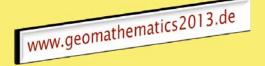
The following persons have agreed to give invited talks.

- S. Dahlke (Marburg, Germany)
- W. Freeden (Kaiserslautern, Germany)
- E.W. Grafarend (Stuttgart, Germany)
- R. Korn (Kaiserslautern, Germany)
- J. Kusche (Bonn, Germany)
- P. Maaß (Bremen, Germany)
- A. Meister (Kassel, Germany)
- Z. Nashed (Orlando, Florida, USA)
- N. Olsen (Copenhagen, Denmark)
- H. Omre (Trondheim, Norway)
- S. Pereverzyev (Linz, Austria)
- J. Prestin (Lübeck, Germany)
- R. Rummel (Munich, Germany)
- O. Scherzer (Vienna, Austria)
- M. Schreiner (Buchs, Switzerland)
- F.J. Simons (Princeton, New Jersey, USA)
- T. Sonar (Braunschweig, Germany)

The registration is now open on the website of the conference until 15 January 2013. However, there is a limited number of slots and, hence, an early registration is recommended.

The conference fee includes an accommodation in the conference hotel for two nights as well as two lunches, two dinners, and the participation in the conference. In case of a single room, the total conference fee is 262.60 €. In case of a shared double room, the total conference fee is 222.60 € per person.

For further details, please visit

www.geomathematics2013.de

The conference venue is only a few kilometers away from the railway station at Maikammer-Kirrweiler, which can be reached from Frankfurt airport within 1 ½ to 2 hours and from Strasbourg airport within 2 to 3 hours.

Organizing Committee:

Geomathematics Group Siegen