



eVITA

Winter School 2012 Continuum Mechanics

INVITATION to the 2012 eVITA Winter School in Continuum Mechanics

January 22-27th 2012, Dr. Holms Hotel, Geilo, Norway

The 2012 Winter School will take place from Sunday January 22nd to Friday January 27th at Dr. Holms Hotel, Geilo, Norway. The winter school is the twelfth in a series of fifteen winter schools organized by SINTEF.

Introduction to Continuum Mechanics: The 2012 winter school will give an introduction to the use of continuum mechanics for mathematically modeling physical phenomena: from identifying the governing equations of the physics, to the numerical discretization and simulation. Many graduate students and young researchers within eScience have a good background in mathematics, statistics, and computer science but lack important information about how the models they study arise. This year's winter school will give a lecture series on computational modeling with emphasis on continuum mechanics, within industrial and biomedical problems.

Lecturers: This years winter school will be given by four distinguished scientists. *Trond Kvamsdal* is the president of the Nordic Association for Computational Mechanics, *Anders Logg* and *Joakim Sundnes* have both been awarded YFF grants (Young Outstanding Investigator), and *Kjell Magne Mathisen* is leader of the Structural Mechanics research group at NTNU.



Dr. Holms Hotel


Further Resources:

- Continuum Mechanics: http://en.wikipedia.org/wiki/Continuum_mechanics
- Winter school web pages: <http://www.sintef.no/Projectweb/eVITA/Winter-Schools/2012/>

Registration deadline: December 10th, 2011.

Register online at the eVITA web pages, <http://www.sintef.no/eVITA>. Participants are expected to stay at Dr. Holms Hotel, where we have reserved a limited number of rooms. Please register early.

NB! The registration is binding after the deadline.



The organizing committee consists of Trond Kvamsdal, Hans Petter Langtangen, Knut-Andreas Lie, and André R. Brodtkorb.