

Scientific Computing

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CBC Talk on Introduction to Discrete Element Modelling - November 29, 2011

The talk on discrete element modelling will be held by Ole Ivar Ulven, a PhD student at UiO.

Total number of participants: 14
 Total number of guests outside of CBC: 6
 Number of different nationalities represented: 7
 Total number of speakers: 1
 Total number of talks: 1

Abstract:

The nonlinearities in a fracturing process and the discontinuity introduced by a fracture makes it hard to model material failure using traditional elastic models. A general introduction to how the discrete element model can overcome these problems is presented, and different methods for including fluid transport and fluid pressure inside fractures are described. Some geological applications of the model are shown, to demonstrate the success of the model on a large range of length scales.

What	▪ Talk
When	Nov 29, 2011 from 02:00 PM to 03:00 PM
Where	Underhuset @ Simula
Contact Name	Jonathan Feinberg
Attendees	Ayman Said Christian Tarrou Christoph Moder Halvard Moe Jonathan Feinberg Øivind Hjelle Ola Skavhaug Ole ivar Ulven Rainer Nerlich Ralph Lorentzen Sabine Hippchen Tangui Morvan Tor Gillberg Yapi Donahen Achou
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