

6th IMA Conference on Modelling Permeable Rocks

University of Edinburgh 29 March - 1 April 2010

Extended deadline for Abstracts: 30 October 2009

Conference webpage:

http://www.ima.org.uk/Conferences/modelling_permeable_rocks.html/index.html

Introduction

This conference provides an excellent opportunity for people from different disciplines (geology, statistics, mathematics and engineering) to share ideas on modelling permeable and fractured rocks. The emphasis will be on new developments in the mathematical modelling of geological patterns for the purposes of improving prediction of flow and hydro-mechanical behaviour rather than on purely descriptive work. For the 6th Conference in the series, we shall have a special focus on modelling requirements for the geological storage of CO₂. However, we shall also include applications for the oil industry, hydrogeology and nuclear waste disposal.

Keynote Speakers

- Martin Blunt (Imperial College, London, UK)
- Peter Frykman (GEUS, Denmark)
- Philip Ringrose (StatoilHydro ASA, Norway)
- Susan Stipp (Copenhagen University, Denmark)

Call for Papers

We invite you to submit a one page abstract for the conference on the topics listed below. The format for these abstracts is available on the IMA website: <http://www.ima.org.uk/mathematics/proceedings.htm>

Abstracts should be submitted online at <http://online.ima.org.uk/> or emailed to conferences@ima.org.uk

Key Dates

Closing date for Abstracts: 30 October 2009

Notification of Acceptance: December 2009

Conference: 29 March - 1 April 2010

Suggested Topics

- Faults and fractures, influence of geomechanics
- Process modelling/pattern formation
- Quantitative techniques for data collection
- Geostatistical techniques
- Uncertainty in modelling heterogeneity
- Integration and upscaling of data into flow models

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