



CALL FOR PAPERS

MEETING ANNOUNCEMENT AND CALL FOR PAPERS

The Norwegian Petroleum Society is pleased to announce a three day conference on the sequence stratigraphy of the Norwegian Margin to be held in Stavanger in May 2010. This meeting follows on from previous successful NPF events on this subject, building further on advances in our understanding of the role of climate and tectonics in controlling sediment delivery from source to sink, and its impact on stratigraphic architecture and petroleum exploration in offshore Norway.

KEY TOPICS:

Impact of tectonics of depositional systems
Impact of climate change of depositional systems
Autogenic processes and products

All to be illustrated with case studies from the Norwegian margin and analogous systems

ORGANIZING COMMITTEE:

Rodmar Ravnås, Shell
Allard W. Martinus, StatoilHydro
Ron J. Steel, Univ. of Texas, Austin
Torben Olsen, Noreco
John Howell, Bergen University
Jonathan Wonham, Total

KEYNOTE SPEAKERS TO INCLUDE:

William Helland-Hansen, Bergen University
Josep Anton Muñoz, Barcelona University
Tetsuji Muto, Nagasaki University
Martin A. Perlmutter, Chevron
Georg Postma, Utrecht University
Joep Storms, Delft Technical University
John R. Suter, ConocoPhillips
Rob Gawthorpe, Manchester University

SIGNIFICANT DEADLINES

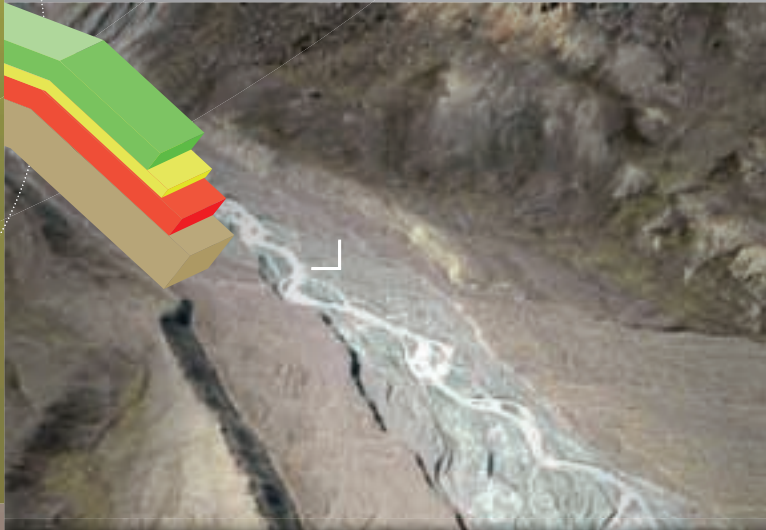
October 1st 2009 – submission of abstracts
December 2009 – announcement of programme
April 1st 2009 – submission of extended abstracts for inclusion on conference CD

Details of abstract submission can be found overleaf and at www.npf.no

We look forward to seeing you in Stavanger in May 2010
On behalf of the Organizing Committee,



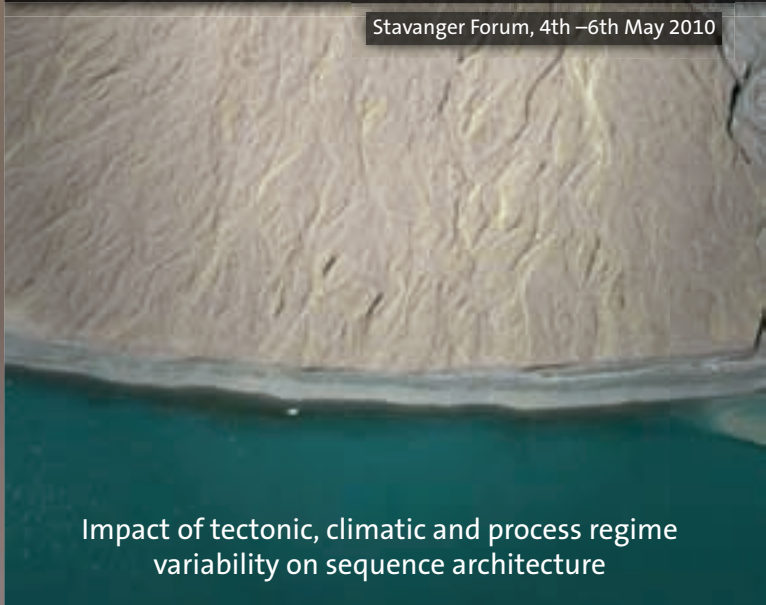
Rodmar Ravnås



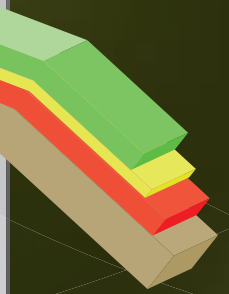
From Depositional Systems to Sedimentary Successions on the Norwegian Continental Shelf

CALL FOR PAPERS

Stavanger Forum, 4th –6th May 2010



Impact of tectonic, climatic and process regime
variability on sequence architecture



From Depositional Systems to Sedimentary Successions on the Norwegian Continental Shelf

The Norwegian Petroleum Society is pleased to announce a three day conference on the sequence stratigraphy of the Norwegian Margin to be held in Stavanger in May 2010. This meeting follows on from previous successful NPF events on this subject, building further on advances in our understanding of the role of climate and tectonics in controlling sediment delivery from source to sink, and its impact on stratigraphic architecture and petroleum exploration offshore Norway.

The Norwegian Continental margin stretches for c. 2500 km from the North Sea in the south to the Barents Sea in the north and includes hydrocarbon plays ranging from Devonian to Pleistocene in age. Reservoir types vary from alluvial fans to deepwater fans, in almost every climate type from arid through humid to glacial, in tectonic settings ranging from intra-montane through compressional/transpressional to extensional/transensional basins, and passive margins. The Norwegian margin has it all, with a huge remaining potential and a high quality database of seismic and well log information available.

This range of depositional systems and tectonic settings provides an exciting challenge for petroleum geologists trying to understand and predict stratigraphy and lithological properties. The initial focus of sequence stratigraphy on eustasy as the key control on depositional architecture has evolved to encompass tectonic, climatic and geomorphologic controls on sediment delivery and preserved stratal architecture. The development of this understanding and its impact on our understanding of the Norwegian Continental shelf is the focus of this meeting. Special attention will be given to the integration of both analogue studies and processed based models with the insights gained from the interpretation and visualization of high quality subsurface case studies.

Abstracts are invited from both industry and academia dealing with methodology, analogue depositional systems and case studies from the Norwegian Continental Shelf. The presentations will be organised into the following topics:

Day 1 - The impact of tectonics on depositional systems and successions in

- Extensional/transensional basins versus compressional/transpressional basins versus passive margins
- Stationary versus non-stationary basins
- Basins with asymmetrical subsidence-uplift patterns (e.g. foreland basins and half-graben sub-basins)
- Variably scaled shelf-slope margins
- Facies tract development as a response to base-level curve scenarios, basin geometries and physiographies

Day 2 - The impact of climate on depositional systems and successions

- Greenhouse versus icehouse base-level variations
- Arid versus humid systems
- Sediment supply/calibre and discharge variations from tropical through temperate to glaciated margins and basins
- Facies tract development in tropical, temperate and glaciated margins and marine basins
- Facies tract development of fluvial systems in low- mid- and high-latitude continental basins
- Sediment supply and delivery to deep-water basins: the fluvial-to-shallow-to-deep water conveyor belt – base level or climate controlled

Day 3 – Autogenic processes and products – learnings from numerical modelling

- Short-term autogenic processes and stratigraphic preservation
- Autogenic processes and spatial sediment distribution patterns – the effect on facies tract development
- Deciphering autogenic signals from allostratigraphic patterns
- Process-based modelling of depositional systems and its application in subsurface analysis

Key note speakers will introduce each session, and include

William Helland-Hansen, Bergen University
Josep Anton Muñoz, Barcelona University
Tetsuji Muto, Nagasaki University
Martin A. Perlmutter, Chevron
Georg Postma, Utrecht University
Joep Storms, Delft Technical University
John R. Suter, ConocoPhillips
Rob Gawthorpe, Manchester University

Planned workshops include:

A core Workshop
Virtual outcrop fieldtrips
A high resolution seismic sequence stratigraphy workshop

Abstract submission:

The first round of abstracts, including the presentation title, names and affiliations of authors should be submitted in Times Roman 12 pt font. These should be less than 500 words and fit on to a single sheet of A4. The deadline for abstracts is October 1st 2009.

Extended abstracts up to to 4 pages, including references and figures must be submitted by April 1st 2010. These will be published on a CD and made available to seminar participants.

The final programme and registration for the seminar will be published by December 2009.

After the meeting full manuscripts will be published in a NPF special publication.

Abstracts should be emailed as attachments to the Norwegian Petroleum Society: elisabeth.lorange@npf.no

Please also check the NPF web site www.npf.no for latest information.

On behalf of the Organizing Committee,

Rodmar Ravnås
Chairman