Reservoir Characterization Conference
Value creation from improved insights, concepts and modelling techniques
3 - 4 December 2019

The Norwegian Petroleum Society is organising its biennial Reservoir Characterization conference in Stavanger this year. The conference is a popular networking area were recent achievements, changes and new developments will be presented.

The NCS together with the rest of the NW European Shelf is aging and maturing. New discoveries and developments range from the rare and rather simple but still challenging giant (e.g. Johan Sverdrup) to large but compartmentalized (e.g. Johan Sverdrup) to the more common marginal and complex (e.g. Fenja/Pil and Bue, Frosk). The old giants, with their wealth of data, are now moving into a new phase; some are settling for decommissioning others are being resurrected and heading for an extended tail-end production period before retirement is due. Detailed subsurface knowledge, acquired over years of production, coupled with new and advanced EOR/IOR and targeted near-field exploration activities has revitalized several of these old and familiar giants (e.g. Balder, Ula, Valhall).

Increased subsurface insight, derived from better seismic and well data and a growing analog and numerical database, coupled with improved reservoir characterization workflows and static modelling techniques has been instrumental in fueling this new development on the NCS. Geological concepts, often presented as scenarios rather then single models, and how these are translated into and replicated as geo-models has gained increased attraction as basis for value-based decisions on new developments, redevelopments of old fields, new drainage strategies, infill drilling targets and EOR/IOR activities. More than ever before have integration and multidisciplinary approaches proved fundamental in meeting the stretched targets and promised deliveries.

This conference aims to present conceptual studies and show cases where multidisciplinary and integrated approaches to reservoir characterization has enhanced our knowledge and created new insight of the subsurface, which coupled with advanced or improved modelling techniques in turn have stimulated new approaches to field developments and re-developments.

The conference will run over two days, split into four sessions
• Improved subsurface insight; new geological concepts, new data, new technologies
• New static modelling techniques and approaches
• Old fields revamped
• New discoveries, new developments and new fields

Call for abstracts:

The programme committee would therefore like to encourage you to submit your expanded abstract for the 2019 conference. We would particularly encourage real case studies where the impact of the digital subsurface and artificial intelligence has proven instrumental in delivering results and new insight. The conference aims to deliver a good blend of selected presentations from invited speakers and submitted presentations from the industry and academia. For more info visit NPF website.

Deadline for submission of abstracts is June 15, 2019.

Norwegian Petroleum Society