





Summer greetings from the IOGR group

The last year has been very busy for the IOGR group. As you all know, the goal of the IOGR group in FORCE is to stimulate experience exchange and competence building to increase the and gas recovery from existing field. The work is organized through a technical committee (TC) and three active network groups as of today. There are no ongoing projects. A telling number of seminars has been arranged in the different network groups, especially Lunch and Learn (L&L) events. In the TC group, Erik Søndenå stepped down and Roar Kjelstadli has stepped up as chairman.

Improve EOR competence network group is chaired by Saeed Fallah. Two seminars were planned for this year. The first, Smart Water, was arranged in February and the second which will be a general EOR competence building seminar is planned for later this year. The group has arranged several L&L events the last year and is planning for more in the autumn.

In addition to the EOR competence network group, the relatively new network groups, "Production Optimization and Reservoir Management" and "Integrated Reservoir Modelling" have had time to settle in.

Production Optimization and Reservoir Management is chaired by Sigurd Mygle Erlandsen. This group is planning a seminar on September 13th with the subject Reservoir Surveillance and Monitoring. Integrated Reservoir Modelling network group is chaired by Etienne Reding. A seminar, Uncertainty handling in static-dynamic modelling workflows was held in May and was well visited. The group is working on a new workshop later this year or early next year in addition to Lunch and Learn seminars.

Eli Jens Høgnesen, NPD and TC-IOGR

Summer greetings from the Improved Exploration group

The first half of 2017 has been busy with many activities. The three network groups work hard, resulting in many high quality arrangements. So far, this has included six seminars and four lunch seminars. The most popular seminar was "The use of broadband seismic" with 128 participants discussing the value gained by using broadband over conventional seismic. Also "The cores of the year" had good attendance, where the participants could study and learn from the newest and most interesting cores from last year.

The Technical Committee and network groups will continue to facilitate a continued high activity level in FORCE with a goal off 8-10 high quality seminars, 4 - 8 Lunch & Learn seminars and aim for 1-3 field trips in 2017. The 2017 goals for Improved Exploration is further focus on the plans related to realizing more project proposals and to still facilitate a high activity level. The network groups are challenged to establish and realize one project each. The Technical Committee is establishing a new network group named Basin and petroleum systems modelling, this is decided based on the main results from the exploration survey we conducted in 2016. We encourage all Force members to nominate Chairman and candidates to this new group.

The IE group are working on a pre-project in collaboration with the IOGR group, looking into the possibility of creating a database for fields. We want to safeguard the history of field development, for future learnings.

The network groups will this autumn offer a new Field excursion to the Gulf of Corinth arranged in collaboration with exploration advisor Einar Sverdrup who will be our field guide. The excursion gives an overview of the tectonic evolution and the sedimentological development of the Gulf of Corinth basin. In the environment of an active rift system, examples of fault block geometries, facies development and geological heterogeneities on various scales will be demonstrated. The field observations can be closely related to the Upper Jurassic development along basin margins on the Norwegian Continental Shelf

We are pleased to see that our members use the seminars for updating competence and insight in recent topics and methods. Follow the news on the FORCE web-site, many seminars are planned for the autumn.

Laila Pedersen, Suncor Energy Norge AS and FORCE TC-IE Chair

Seminars in 2017

Improved Oil & Gas Recovery 2017

Feb. 14th Smartwater EOR for NCS (40)

May 11th Uncertainty handling in static-dynamic

modelling workflows (113)

Sept. 13th Reservoir surveillance and monitoring

Nov. 2nd Uncertainty handling in static-dynamic

modelling workflows, part 2

Lunch and learn seminars

Jan. 19th The value of CO2 – how can we utilize it? (24)

Jan. 24th Water saturation modelling (72)

May 23rd Wintershall Brage polymer associated

surfactant flooding project (19)

Improved Exploration 2017

Jan. 25th The use of broadband seismic (128)

Feb. 16th Cores of the year 2017 (73)

March 31st Basement fracturing and weathering on-and offshore Norway

(20)

May 9th The science behind structural geology tools (Stavanger 24)

May 10th The science behind structural geology tools (Oslo 13)

May 24th Fault compartment seminar (74)

June 7th Frontier exploration workshop (67)

Sept. 27.-28th Predictive stratigraphy

Oct. 17th Practical rock physics and inversion for exploration and

production

Oct. 19.-20th Triassic Park – understanding Triassic stratigraphic architecture

and reservoir quality

Lunch and learn seminars

March 29th Wisting field: developing shallow reservoirs in the BS (56)

June 2nd Opportunities and challenges in the southern Norwegian

Barents Sea (30)

June 7th Enhancing geomodels with LWD deep resistivity geosteering

and reservoir mapping tools (33)

June 22nd Use of seepage and gas chimney detection in exploration (43)

Sept. 14th Provenance and correlation of hc reservoir sandstone using

heavy mineral techniques

