



FORCE Christmas Newsletter 2022

Greetings from Janka Rom

Dear all Force members

A year has passed since I took the role as Project Manager for the Secretariat.

What a year it has been!

A lot of good work is done in all parts of the forum. Force is maintaining a very high activity-level, with interesting, and high-quality seminars, webinars, field trips and corinars. If you missed some of our events, you can find some of the presentations and recordings in Basecamp under the group ["All-in-force"](#).

This year we have hosted 4 seminars, 27 webinars, 3 Lunch & Learn and 2 fieldtrips. The attendance is again at an all time high with 2608 participants. I would like to give a pat on the back to all the dedicated members in committees and network groups, who filled 2022 with timely and popular presentations.

Force hits the mark. Thank you all!
On behalf of the Force Secretariat,
Janka Rom, Project Manager

Greetings from the Structural Geology network

Release of Covid travel restrictions finally made the field trip to the Gulf of Corinth to happen this year! The event was fully booked, with 16 participants and took place between the 2nd and 6th May. The excursion demonstrated fault block development and geometries, tectonic and depositional relationships and geological heterogeneities on all scales in an active extensional rift basin, all framed by the Greek hospitality, food and refreshments.

For 2023 we are proud to announce a field trip to Durango, Colorado, USA: Analogs for the Jurassic Brent Group. The 5-day excursion is designed with a mixed audience of managers, engineers, geologists and geophysicists in mind. The purpose is to provide participants with the best analog for the Jurassic Brent delta as possible. The field trip begins and ends in Durango, Colorado on June 12th-16th. The field trip is open for everyone with max. capacity of 15.

Greetings from Anders Finstad and Carol Baunack



FORCE core webinar series May 2022

A series of videos from the core store were presented as FORCE webinars in May 2022. The idea of core webinars or 'corinars' was conceived during the covid pandemic late 2020, inspired by the FORCE virtual field trips presented online during the time when most of us had to work from the home office. Initially we discussed how we could publish an online video broadcast of a core description – live from the core store. Some of the key topics we wanted to include were:

- How do we use cores
- What can we learn from cores
- What are the values of cores
- Presentation should be suitable for a mixed audience

Six brave geologists from Lundin accepted the challenge, and with great support from the NPD we produced three videos of core descriptions, shot at the Lundin core viewing room at Stratum in June 2021. Three webinars were then put together from the recordings and presented in May 2022.

Jon H. Pedersen

The Lundin and NPD crew on the set at Stratum



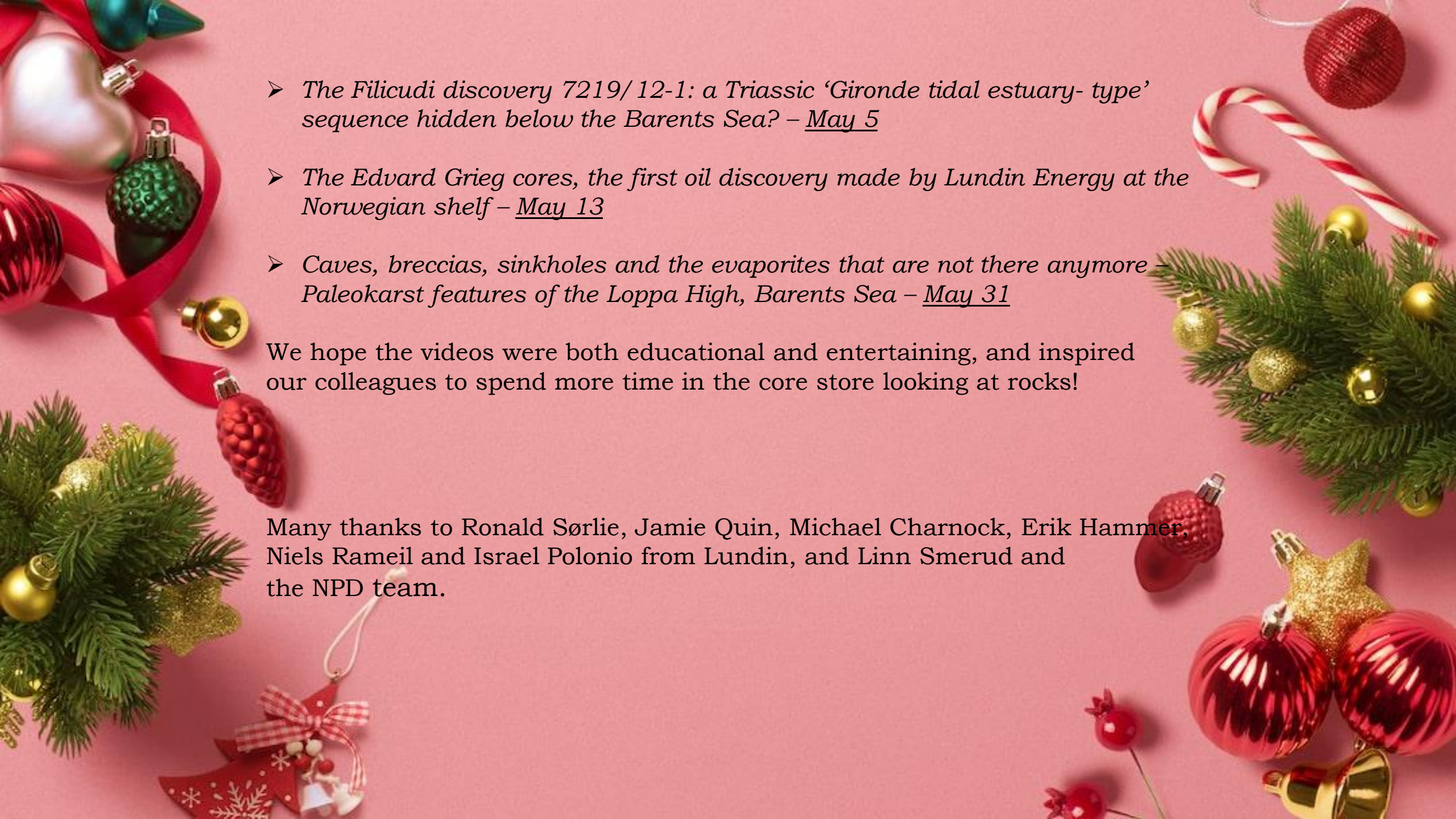
9/6 2021
Ronald Sørli & Jamie Quin
Edvard Grieg reservoirs



25/6 2021
Michael Charnock & Erik Hammer
Filicudi and tidal systems



29/6 2021
Niels Rameil & Israel Polonio
Carbonates and karst, Alta and Børselev

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- *The Filicudi discovery 7219/12-1: a Triassic ‘Gironde tidal estuary- type’ sequence hidden below the Barents Sea? – May 5*
 - *The Edvard Grieg cores, the first oil discovery made by Lundin Energy at the Norwegian shelf – May 13*
 - *Caves, breccias, sinkholes and the evaporites that are not there anymore – Paleokarst features of the Loppa High, Barents Sea – May 31*

We hope the videos were both educational and entertaining, and inspired our colleagues to spend more time in the core store looking at rocks!

Many thanks to Ronald Sørli, Jamie Quin, Michael Charnock, Erik Hammer, Niels Rameil and Israel Polonio from Lundin, and Linn Smerud and the NPD team.

2022 activities

Date	Name (participants)
26.-27.01.	Webinar: Underexplored Plays (300)
02.02.	Webinar: Hywind Tampen – An industrial part of the solution (68)
16.02.	Webinar: Dual Drilling (84)
24.02.	Webinar: The role of basin modelling in CCS applications – play to prospect workflows (142)
10.03.	Webinar: Vår Energi Retrofit Multilateral Campaign: Existing infrastructure utilization to reduce emissions and costs (51)
15.03.	Webinar: State of the art heat pumps and energy integration (29)
16.03.	Webinar: The Acorn and VNZ projects: CCS on the UKCS (108)
17.03.	Hybrid: Johan Sverdrup: experience from first 2 years of production (85)
24.03.	Webinar: Machine learning based oil family classification above 62° North – method and some observations (53)
03.01.	Seminar: Joining Forces (81)
27.04.	Webinar: Cyber security in the D&W community (30)
28.04.	Webinar: The Paleozoic petroleum system in the North Sea (104)
05.05.	Core Webinar: The Filicudi discovery (62)
09.05.	Webinar: Northern Lights: CO2 Shipping expanding global reach of CCS (41)
02-06.05.	Field Trip to the gulf of corinth (15)
12.05.	Webinar: Goliat Retrofit MLT: from target maturation to production performance (53)
13.05.	Core Webinar: The Edvard Grieg cores, the first oil discovery made by Lundin Energy at the Norwegian shelf (63)
16.05.	Webinar: Storage resource maturation and beyond: The Northern Lights experience (124)
31.05.	Core Webinar: Caves, breccias, sinkholes and the evaporites that are not there anymore – Paleokarst features of the Loppa High, Barents Sea (53)
09.06.	Webinar: Controls of bulk petroleum compositions in conventional and unconventional petroleum systems (17)
14.06.	Field Trip to Technology Centre Mongstad (25)

2022 activities

Date	Name (participants)
16.06.	Webinar: Rock and Fluid Data: An Integrated Effort on Improving Subsurface Analysis and Modelling Workflows (38)
17.08.	Webinar: Structural Group afternoon fault lectures (99)
01.09.	Webinar: Veien til nullutslipp i Statnetts Langsiktige Markedsanalyse (24)
07.09.	In-person: A Cityringen Journey through Danian and Danish Carbonate rocks (13)
15.09.	Webinar: Use of fishbones for improved recovery, challenges and results (95)
22-23.09.	In-person seminar: PSA & geochemistry conference (46)
23.09.	In-person seminar: The winner of the IOR award 2022 (19)
04.10.	In-person: Fundamentals of Borehole Seismic Technology (33)
19.10.	Webinar: CCS Network Webinar (112)
15.11.	Webinar: Long term experience of CO2 injection and monitoring on the NCS (186)
29.11	L&L Oil vs Gas
30.11.	In-person: NSRG and FORCE presents Shallow sedimentology and implications for offshore infrastructure and renewable industries seminar (85)
01.12.	Webinar: Traditional and machine learning techniques applied to oil-source correlation in the Norwegian Sea: Åre we able to end the Spekk-ulation? (64)
06.12.	Webinar: Pre-salt reservoirs in Brazil: a quick introduction
07.-08.12.	In-person: Experience Sharing: Assisted History Matching & Ensemble Modelling



We wish all of our FORCE members a
Merry Christmas & a Happy New Year.