

Invitation to sponsor the FORCE Hackathon and “Advances of Machine Learning on Subsurface Data” Symposium 18-20th September, NPD offices Stavanger

Recent advances in Artificial Intelligence and Machine Learning have prompted parts of the Geoscience and Reservoir Engineering community to investigate if these technological breakthroughs could add value to very specific workflows and challenges in the Upstream E&P industry.

FORCE is organizing a one-day symposium on the 20th September 2018, with the title “Advances of Machine Learning on Subsurface Data”, aiming to showcase the potentially disruptive technologies to a wider audience. This will serve as an arena to discuss and learn from recent successes and pitfalls of applying machine learning to subsurface data such as for example well logs, seismic, production data, outcrop and core data.

The symposium will be preceded by a two-day Hackathon (18-19th September) where teams of programmers and geoscientists/reservoir engineers are matched up to play with ideas, algorithms and subsurface datasets.

Previous highly successful Hackathons like the one held at the EAGE in 2017 (<https://bit.ly/2w3bxrz>) have shown that these informal and playful settings are an ideal environment to learn, test and develop new ideas. During the FORCE Hackathon groups of geoscientist/reservoir engineers and programmers will spend intensive 2 days in the NPD facilities testing the newest machine learning models and potentially disruptive technologies. Access to various high-power GPU computing clouds will be provided. The results from the Hackathon will be presented at the following Machine Learning on Subsurface Data Symposium on the 20th September.

FORCE is currently inviting Sponsors to enable the Symposium and Hackathon. Minimum sponsoring is 9000kr and secures publicity on the symposium and Hackathon webpage as well as in the subsequent publications. Sponsoring in form of subsurface datasets like prestack seismic, digitized core logs and images etc are also highly appreciated. Please contact the Organizing Committee or your local FORCE contact person to learn how you can contribute within 29th June 2018.

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