

2nd Aarhus University-DHRTC Workshop

Thursday, 12/10/2017

Let's celebrate our collaboration and create new opportunities together.

10:00 – 10:30 Registration, Coffee & Bread

10:30 – 10:40 Welcome and Introduction, Søren Rud Keiding, Vice-Dean, AU Science and Technology, and
Gülnur Dogan, Local Focal Point, AU

10:40 – 11:20 Challenges in the oil and gas industry – a Danish perspective, Hans Horikx, DHRTC Tech. Maturation

11:20 – 12:20 Overview of DHRTC programmes

11:20-11:40 **Advanced Water Flooding**, DHRTC Programme Management

11:40-12:00 **Cost Transformation**, DHRTC Programme Management

12:00-12:20 **Tight Reservoir Development**, DHRTC Programme Management

12:20 – 12:30 Expand your research with the new lab facilities at the Center Core, Kristine Wille Hilstrøm, DHRTC
Technology Maturation

12:30 – 13:30 Lunch

13:30 – 14:30 Showcasing the DHRTC-funded projects at AU

13:30 – 13:40 **Seismic acoustic methods: a tool for refining the 3D geotechnical models in a mature hydrocarbon producing area**, Lasse Krogsgaard Prins, Department of Geoscience

13:40 – 13:50 **Self-healing cement**, Kasper Urup Kjeldsen, Department of Bioscience

13:50 – 14:00 **Chemical and nanoscale analytics and possibilities for in-well analysis of scale and corrosion products**, Henrik Birkedal, Department of Chemistry

14:00 – 14:10 **Extreme waves and load estimation**, Christos T. Georgakis, Julie C. Kristoffersen, Thomas K. Pedersen, Michael Vigsø & Marius Tarpø, Department of Engineering - Structural Dynamics & Monitoring

14:10 – 14:20 **Feasibility study on Robotic in-pipe inspection**, Xuping Zhang, Dept. of Engineering - Robotics

14:20 – 14:30 **Three-minute madness with 3 Radical Innovation Sprint Projects**

- Kenni D. Petersen, Department of Geoscience
- Alberto Scoma, Department of Bioscience
- Tobias Weidner, Department of Chemistry

14:30 – 16:00 Idea Generation/Discussion Session with the DHRTC (Technology Maturation & Programme Management)

Purpose: Discussion of ideas and/or framework of projects for the 1st November application deadline, and initiating dialogue with the DHRTC Core

Format (14:30 – 15:30): Two parallel café table discussions on sub-surface and topside-related processes

Format (15:30 – 16:00): One-to-one discussion with a Center Core representative (15 min., sign-up during the day)

Tools: Coffee and cake

15:30 – 17:00 Networking and refreshments at AU Geoscience Entrance Hall