DHRTC Technology Conference - Marienlyst, Helsingør

16. November

08:30 - 09:00 Check-in and Breakfast
09:00 - 10:00 Welcome by Henrik Wegener, Provost DTU

DEA Perspective on the Technology Potential, Martin Hansen, Deputy Director General, Danish Energy Agency

Industry Perspective on the Technology Potential, Patrick Gilly, Managing Director, Danish Business Unit, Maersk Oil

10:00 - 10:30 Why and How we Co-create in DHRTC, Bo Cerup-Simonsen, Centre Director, DHRTC

10:15 - 10:30 Welcome by Henrik Wegener, Provost DTU

10:30 - 11:00 Break

11:00 - 12:00 Innovation through Collaboration between Academia and Industry - Presentations

Henrik Tirsgaard, Head of Corporate Technology & Innovation, Maersk Oil

Marianne Thellersen, Senior Vice President, Innovation and Entrepreneurship, DTU

Colette Cohen, CEO, The Oil & Gas Technology Centre, UK

09:00 - 10:00 Why and How we Co-create in DHRTC, Bo Cerup-Simonsen, Centre Director, DHRTC

10:00 - 12:00 Innovation through Collaboration between Academia and Industry - Presentations

10:00 - 11:00 Break

11:00 - 12:00 Innovation through Collaboration between Academia and Industry - Presentations

09:00 – 12:00 Presentation of DHRTC Research

11:00 – 11:30 Break

11:30 – 12:00 Lunch

12:00 – 13:00 Lunch

13:00 – 13:30 Innovation through Collaboration between Academia and Industry - Continued

Anne Skauge, Professor, Research Director Uni Research CIPR

Peter Van Gessel, Venture Principal, Shell

13:00 – 14:00 DHRTC Demo Pitches, Lene Hjelm Poulsen, Head of Technology Maturation, Erik Bek-Pedersen, Programme Manager, DHRTC

14:00 – 15:00 Post Questions for the Debate

15:00 – 15:50 Panel Debate

15:50 – 16:00 Closing Remarks, Bo Cerup-Simonsen, Centre Director, DHRTC

16:15 – 18:15 Meet the Researchers - DHRTC Poster Session

Awards to the five best posters

19:00 – 22:00 Dinner

17. November

07:45 – 08:15 Check-in and Breakfast

08:15 – 08:30 Welcome and Introduction, Bo Cerup-Simonsen, Centre Director, DHRTC

08:30 – 08:50 Introduction to Technical Programme, Erling Stenby, Scientific Director, and Mikael Lübke, Scientific Manager, DHRTC

09:00 – 12:00 Presentation of DHRTC Research

10:45 – 11:00 Break

11:00 – 12:00 Lunch

09:00 – 09:25 Anders Nymark Christensen & Amalia Hallen, DHRTC: CT scanning of core floods: Quantitative analysis of saturation without dopant

Kenny Dinesen Petersen, AU: Stain evolution of the Kraka field inferred from backstripping analysis

Zhenyu Yang, MAU: Advanced control for produced water treatment

Christos Thomas Georgakis, Aarhus University: Introduction

Jesper Tyksen, Maersk Oil: Ice: Breaking in the North Sea - a Maersk perspective

10:00 – 10:15 Mette Kristensen, KU: Petroleum analysis by non-target chromatographic methods

Leonardo Teixeira Pinto Meireles, DTU: Perspective from the reservoir characterization of Kraka from BHIS

Emil Krabbe Nielsen: Fault Management using Multilevel Flow Modelling

Sandro Amador, DTU Byg: Structural Heath Monitoring of a Football Stadium Suspension Roof.

10:15 – 10:45 Break

10:45 – 11:10 Dan Olsen & Hanne Dahl Holmlykke, GEUS: Long core water/flooding experiments on chalk at reservoir conditions

Saaed Salimzadeh, DHRTC: 3D modelling of fracture deformation, propagation, and interaction

Neis Henrik: ONE: Modelling in reservoir and surface architectures in large scale construction

Michael Faber, DTU Management: Challenges and Potentials for Integrity Management Decision Support

11:10 – 11:35 John Bagterp Jørgensen, DTU Compute: Life-cycle oil production optimization using proper risk measures and closed-loop reservoir management

Janina Kamann, KU: High resolution P- and S-wave reflection seismics linked to log data in chalk reservoir analogues at Stevns, Denmark

Ulf Halvorsen, Senior researcher, DTU Mechanical Engineering: Cost savings for Well Head Platforms

Amina Arsan, DHRTC: Improved Decision Based Through Uncertainty Management

11:35 – 12:00 Kaj Thomsen, DTU Chemical Engineering: Thermodynamic modelling of Smartwater

Kasper Høj Blikkenberg, KU: Upper Maastrichtian - Danish silica distribution and reservoir properties, Chalk Group, southern Danish Central Graben

Andreas Pruschkowsky, student, Kim Bo Kristiansen, student, DTU Mechanical Engineering: External corrosion management

Flenning Schlutter & The Ugelvig Petersen (DH): The feasibility of a nearshore test facility for accelerated research into waves and structures

Christos Thomas Georgakis, Aarhus University: Final Discussion

11:45 – 12:00 Break

12:00 – 13:00 Lunch

13:00 – 15:30 Challenges of Tomorrow – invited speakers (including break)

1. Anne Neville, Professor at Leeds University
2. Abel Arguelles, Production technologist Danish Business Unit – Maersk Oil
3. Kristin Fiornes, director at IRIS energy
4. Dr. Ernesto Heredia-Zavoni, Mexican Institute of Petroleum

15:30 – 15:50 Final Remarks, Troels Albrechtsen, SVP, Corporate Technology & Projects, Maersk Oil

15:50 – 16:00 Closing of the Conference, Bo Cerup-Simonsen, Centre Director, DHRTC