

DHRTC Technology Conference 2016

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
10:30 - 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
	Ole Ringdal, President, IRIS
12:00 - 13:00	Lunch
13:00 - 13:30	Innovation through Collaboration between Academia and Industry - Continued
	Arne Skauge, Professor / Director, Uni Research CIPR
	Peter Van Giessel, Venture Principal, Shell Technology Ventures
13:30 - 14:00	DHRTC Demo Pitches, Erling Stenby, Scientific Director, and 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 Lütjhe, Scientific Manager, DHRTC
09:00 - 12:00	Presentation of DHRTC Research

	Recovery Processes	Geology and Geophysics	Water Treatment & Operations	Structural Integrity and Reliability
09:00 - 09:25	Anders Nymark Christensen & Amalia Halim, DHRTC: <i>CT scannings of core floods: Quantitative analysis of saturation without dopant</i>	Kenni Dinesen Petersen, AU: <i>Strain evolution of the Kraka field inferred from backstripping analysis</i>	Zhenyu Yang, AAU: <i>Advanced control for produced water treatment</i>	Christos Thomas Georgakis, Aarhus University: <i>Introduction Jesper Tychsen, Maersk Oil and Gas, Esbjerg: Breaking waves in the North Sea - a Maersk perspective</i>
09:25 - 09:50	Ali Akbar Eftekhari, DHRTC: <i>Mathematical modelling of advanced water flooding in the North Sea chalk reservoirs: a closer look</i>	Tala Maria Aabø, DHRTC: <i>Imaging The Subsurface: reservoir characterization of Kraka from BHIs</i>	Thomas Martini, DTU Compute: <i>Making sense of big data for Produced Water Treatment</i>	Ulf Tygesen, Rambøll: <i>Structural Integrity (SHM) - Facing new challenges with new technologies</i>
09:50 - 10:15	Mette Kristensen, KU: <i>Petroleum analysis by non-target chromatographic methods</i>	Leonardo Teixeira Pinto Meireles, DTU BYG: <i>Overview of geo-mechanical properties from Dan and neighbouring fields</i>	Emil Krabbe Nielsen, DTU Electrical Engineering: <i>Fault Management using Multilevel Flow Modelling</i>	Sandro Amador, DTU Byg: <i>Structural Health Monitoring of a Football Stadium Suspension Roof.</i>
10:15 - 10:45	Break	Break	Break	Break
	Recovery Processes	Geology and Geophysics	Modularization of Offshore Solutions	Structural Integrity and Reliability
10:45 - 11:10	Dan Olsen & Hanne Dahl Holmslykke, GEUS: <i>Long core waterflooding experiments on chalk at reservoir conditions</i>	Saeed Salimzadeh, DHRTC: <i>3D modelling of fracture deformation, propagation, and interaction</i>	Niels Henrik Mortensen, Professor, DTU Mechanical Engineering: <i>Modular architectures in large scale construction</i>	Michael Faber, DTU Management: <i>Challenges and Potentials for Integrity Management Decision Support.</i>
11:10 - 11:35	John Bagterp Jørgensen, DTU Compute: <i>Life-cycle oil production optimization using proper risk-measures and closed-loop reservoir management</i>	Janina Kammann, KU: <i>High resolution P- and S-wave reflection seismics linked to log data in chalk reservoir analogues at Stevns, Denmark</i>	Ulf Harlou, Senior researcher, DTU Mechanical Engineering: <i>Cost savings for Well Head Platforms</i>	Amina Aissani, DHRTC: <i>Improved Decision Basis Through Uncertainty Management</i>
11:35 - 12:00	Kaj Thomsen, DTU Chemical Engineering, <i>Thermodynamic modelling of Smartwater</i>	Kasper Høj Blinkenberg, KU: <i>Upper Maastrichtian - Danian silica distribution and reservoir properties, Chalk Group, southern Danish Central Graben</i>	Andreas Proschowsky, student, Kim Bo Kristiansen, student, DTU Mechanical Engineering: <i>External corrosion management</i>	Flemming Schlütter & Thor Ugelvig Petersen (DHI): <i>The feasibility of a nearshore test facility for accelerated research into waves and structures</i> Christos Thomas Georgakis, Aarhus University: <i>Final Discussion</i>

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 Flornes, Senior Vice President at IRIS
	4. Dr. Ernesto Heredia-Zavoni, Senior Researcher and Project Manager, 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