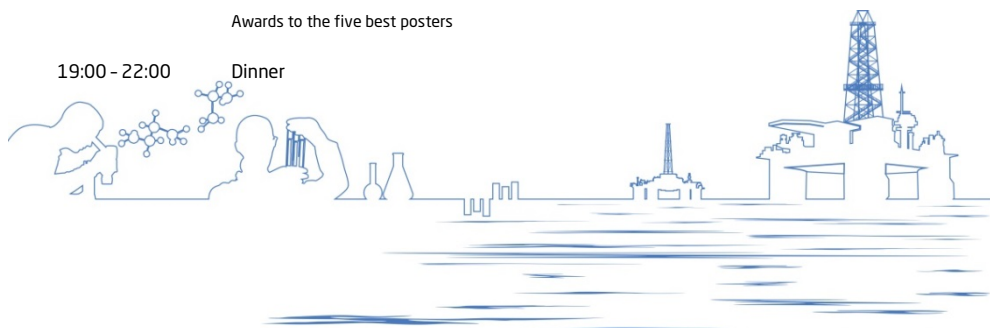


DHRTC Technology Conference - Marienlyst, Helsingør

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
- 10:30 - 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, Research Director Uni Research CIPR
- Peter Van Giessel, Venture Principal, Shell
- 13:30 - 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 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: <i>Compute: 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: <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 Aisani, 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, 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