

# Program – Pumps & Pipes Norway 2018

Wednesday 17. October

## Opening and Keynotes

09:30 – 10:00 **Registration and coffee**

10:00 – 10:20 **Opening and welcome addresses**

10:20 – 10:40 **The importance of technology transfer between oil & gas and medicine**

Karl Eirik Schjøtt-Pedersen, Director of Norsk olje & gass

10:40 – 11:10 **Technology Innovation at Equinor**

Adnan A. M. Aqrawi, Lead Consultant in Equinor Technology Innovation

11:10 – 11:40 **An ecosystem for health product innovation**

Ruben Rathnasingham, Assistant Dean, Health Product Innovation, Dell Medical School

11:40 – 12:00 **Q&A**

12:00 – 13:00 **Lunch**

## Innovation using «The Other Guy's Toolkit»

13:00 – 13:20 **Norway Pumps & Pipes as an innovation platform**

Thor Ole Gulsrud, Research Director Medtech, NORCE

13:20 – 13:40 **Making your knowledge mine; How to transfer knowledge between the petroleum and the medical industry**

Hilda Bø Lyng, PhD student, UiS

13:40 – 14:00 **Revolutionizing turning of patients with competence from oil & gas**

Nina Fagerheim Åmodt, CMO, and Elen Haugs Langvik, COO, Tidewave R&D AS

14:00 – 14:40 **Coffee break & mingling**

14:40 – 15:00 **From deep manned underwater operations to patient exercise - A new solution for rehabilitation of patients with Chronic Obstructive Pulmonary Disease**

Fredrik Bærheim, Advisor and Project Manager, NUI AS

15:00 – 15:20 **AI based Early Warning System for the Intensive Care Unit**

Helge J. Bjorland, CEO and Co-founder, Globus AI

15:20 – 15:40 **Emergency services – integrating full value chain simulation and operational support**

Thomas W. Lindner, Medical Doctor, Director at the Regional Competence Center for Emergency Medicine

15:40 – 16:00 **Q&A**

## Getting social

16:00 – 17:30 **Mingling, wraps & refreshments**

Thursday 18. October

## **Pumps & Pipes**

08:30 – 09:00 **Mingling and coffee**

09:00 – 09:30 **The story of Houston Pumps & Pipes**

Alan B. Lumsden, Medical Doctor, Houston Methodist Hospital

09:30 – 09:50 **qWave – from medicine to oil & gas – the journey**

Hans Petter Eng, Founder/CEO, qWave AS

09:50 – 10:10 **How to evaluate heart disease – do we need a new tool?**

Alf Inge Larsen, Professor, University of Bergen, Head of Cardiovascular Research, Stavanger University Hospital

10:10 – 10:30 **Coffee break & mingling**

10:30 – 11:00 **CardioSim – patient-specific simulations**

Sigrid Kaarstad Dahl, Research Scientist, SINTEF, manager of CardioSim

11:00 – 11:20 **Sustainable Health Care and industrial opportunity**

Bent Høie, Norwegian Minister of Health

11:20 – 11:40 **Q&A**

11:40 – 11:50 **Concluding remarks**

12:00 – 13:00 **Lunch**

The conference is moderated by **Nashater Deu Solheim**, CEO & Founder Progressing Minds AS.

Note that there will be an exhibit that can be visited during breaks:

- Heliox habitat for rehabilitation of patients with Chronic Obstructive Pulmonary Disease – NUI AS.
- Smart turning mattress that automatically turns and moves users with reduced mobility – Tidewave R&D AS.
- Arterial blood flow simulator – NORCE.