



## INVITATION and PROGRAM

### NORTEX DATA SCIENCE CLUSTER

### ONS 2018 Data Integration Workshop, August 30th, Stavanger

The International Research Institute of Stavanger in cooperation with the Global Center of Expertise has the pleasure of inviting you to the NorTex ONS 2018 Data Integration Workshop, hosted by Eldor AS. The workshop is a continuation of discussions during OTC 2018, OTC 2017 and ONS 2016, focusing on digitalization, opportunities for leveraging data assets, (open) data sharing, interoperability, and cross-industry collaboration opportunities.

The goal is to share information about current projects across borders and entities as well as strengthening partnerships and collaboration. We look forward to welcoming you.

DATE:	EVENT:	TIME:	PLACE:	LANGUAGE:	ADMISSION:
AUG 30 <sup>TH</sup> , 2018	NorTex Workshop	13:00 – 16:45	Eldor, Kanalsletta 4, Stavanger	ENGLISH	FREE
	Networking event	16:45 – 19:00	Eldor, Kanalsletta 4, Stavanger		

**12:30 – 13:00 pm REGISTRATION AND LIGHT LUNCH**

**13:00 – 13:15 OPENING**

**13:00 Welcome**  
Jan E. Odegard, Rice University

**13:05 Message from our Hosts**  
Bernt Eldor, Eldor AS

**Session 1:  
13:15 – 14:30 DATA INTEGRATION THROUGH OPC UA: INDUSTRIALISATION, OPPORTUNITIES AND CHALLENGES**

**13:15 Drilling Data Hub: Purpose and Relevance for Other Industries**  
Fionn Iversen, IRIS / NORCE

**13:30 Industrial Implementation**  
Terje Myklebust, AkerBP

**13:45 Facilitating Drilling Automation and Advisory on the Rig**  
Sveinung Lofthus, Sekal

**14:00 International Collaboration**  
Pradeep Ashok, UT Austin

**14:15 Discussion**

<b>14:30 – 14:45</b>	<b>COFFEE BREAK</b>
<b>Session 2: 14:45 – 16:45</b>	<b>DATA SCIENCE CHALLENGES AND OPPORTUNITIES FOR COLLABORATION</b>
<b>14:45</b>	<b>Opening Remarks</b> Jan E. Odegard, Rice University
<b>14:50</b>	<b>Creating Value from Edge to Analytics</b> Ray Hall, Arundo Analytics
<b>15:05</b>	<b>Multi Level Flow Modelling with Artificial Intelligence</b> Morten Lind, Technical University of Denmark
<b>15:20</b>	<b>Data science in oil &amp; gas and medicine: Similar challenges – different approaches</b> Thor Ole Gulsrud, Pumps & Pipes, IRIS / NORCE
<b>15:35</b>	<b>Leveraging Oil &amp; Gas Data Science Solutions for Sustainable Development</b> Ivan A. Metrikin, Globus.ai
<b>15:50</b>	<b>The Future of IoT – From a Connectivity Perspective</b> Knut Fjellheim, Telenor Maritime
<b>16:05</b>	<b>Smart Contract and Blockchain for Safe Data Sharing</b> Chunming Rong, University of Stavanger
<b>16:20</b>	<b>Wrap Up and Discussion</b> Jan E. Odegard, Rice University
<b>16:35</b>	<b>Closing Remarks</b> Fionn Iversen, IRIS / NORCE
<b>16:45 – 19:00</b>	<b>NETWORKING EVENT</b>
	Drinks and barbeque

<b>Program Committee:</b> Fionn Iversen, IRIS / NORCE Ann Marchioro, GCE NODE Jan E. Odegard, Rice University Jan Helge Viste, GCE NODE Mette Stokseth Myhre, IRIS / NORCE	<a href="#">Register here</a>  <b>Contact: Mette Myhre</b> <b>Telephone: +47 51 87 56 00</b> <b>Email: memy@norceresearch.no</b>
---	--

#### About NorTex Data Science Cluster

NorTex was established on initiatives carried out by the Norwegian Consulate General in Houston, Innovation Norway, NORWEP (previously INTSOK) and the Norwegian-American Chamber of Commerce in Houston. The aim is to promote research collaboration between Norway and Texas. Areas of collaboration were identified which led to the establishment of several clusters under the NorTex umbrella.

The specific aim of the NorTex Data Science Cluster is to strengthen collaboration between Norwegian and Texan academic and research institutions and industry within data analytics and data science. The Offshore Data Analytics project group was established under the NorTex Data Science Cluster Spring 2015 by IRIS, GCE NODE, University of Agder, Rice University and University of Texas Austin, and the project was granted funding November 2015 from the Research Council of Norway November 2015 under the INPART program (International Partnerships for Excellent Education and Research).

For more information see <http://nortexdatascience.org>