

DHRTC-DTU Summer School 2019

Time	Monday 12-Aug	Tuesday 13-Aug	Wednesday (14-Aug)	Thursday 15-Aug	Friday 16-Aug
8:45-9:00	Introduction of the summer school				
9:00-10:20	Flow and transport in porous media M. Hassanizadeh	Multi phase flow in porous media M. Hassanizadeh	Field trip to Stevns Klint (Departure at 8:00 am)	Mature oil fields challenges and development V. S. Suicmez	Geomechanics of hydrocarbon fields - S. Hangx
10:20-10:40	Break	Break		Break	Break
10:40-12:00	Flow and transport in porous media M. Hassanizadeh	Multi phase flow in porous media M. Hassanizadeh		Mature oil fields challenges and development V. S. Suicmez	Geomechanics of hydrocarbon fields - S. Hangx
12:00-12:40	How is geoscience and engineering know-how applied in practice? - H. Horikx	Examples of field developments across the globe – Nigeria, Venezuela, ... - H. Horikx	Lunch at Rødvig Kro	Oil chemistry K. Feilberg	Smart water flooding A.A. Eftekhari
12:40-14:00	Lunch	Lunch	Introduction to geothermal energy H.M. Nick	Lunch	Lunch
14:00-15:20	Numerical aspects of fluid flow in fractured reservoirs - Karimi-Fard	CO ₂ sequestration S. Gasda		Energy and carbon emission analysis of subsurface energy extraction and storage - A.A. Eftekhari	Numerical aspects of fluid flow in fractured reservoirs - Karimi-Fard
15:20-15:40	Break	Break		Break	Break
15:40-17:00	Flow and transport in porous media M. Hassanizadeh	CO ₂ sequestration S. Gasda		Mature oil fields challenges and development V. S. Suicmez	Geomechanics of hydrocarbon fields - S. Hangx
17:00-17:20	Break	Break		Break	Break
17:20-18:20	Presentations given by the participants	Presentations given by the participants	Departure from Boesdal Quarry back to DTU (17:30)	Mature oil fields challenges and development V. S. Suicmez	Geomechanics of hydrocarbon fields - S. Hangx