

# S4CE FORUM

**Location:** Geological Society - Janet Watson Lecture Theatre & Lower Library

**Date:** Monday 4<sup>th</sup> November 2019

**Time:** 8:45am to 4:00pm

**8:45 – 09:15**

**Arrival & Registration Refreshments**

**9:15 – 09:20**

**Welcome**, Damien Weidman, S4CE partner, MIRICO

**09:20 – 09:35**

**S4CE Project overview**, Prof. Alberto Striolo, Project Coordinator, University College London

**09:35 – 10:05**

**Key Note: Clean Energy Transition in the EU**, Vassilios Kougionas, European Commission Directorate General Research and Innovation

## Section 1: Carbon Capture and Storage approaches,

*Discussion leader: Prof. Eric Oelkers, UCL*

**10:05 – 10:10**

**Message from the government of Iceland**, Helga Barðadóttir, Head of Division, Ministry for the Environment and Natural Resources

**10:10 – 10:30**

**CO<sub>2</sub> mineralisation: The CarbFix project**. Sandra Ósk Snæbjörnsdóttir, Geoscientist, Ph.D., Orkuveita Reykjavíkur

**10:30 – 10:50**

**Observations from a Controlled CO<sub>2</sub> - Release Experiment in the North Sea**. Douglas P. Connelly, STEMM-CCS Project Coordinator

**10:50 – 11:10**

**Laboratory studies to understand the controls on flow and transport for CO<sub>2</sub> storage**, Ronny Pini, Senior Professor, Imperial College London

**11:10 – 11:35**

**Public Discussion with the Panel**

*Coffee break*

## Section 2 – Energy production

*Discussion leader: Catalina Sanchez Roa, Postdoctoral Research Associate, UCL*

**11:50 – 12:10**

**Geothermal Energy Production in Cornwall, and Its Expected Environmental Impact**, Lucy Cotton, United Downs Geothermal Power Project, Andrea Paulillo, University College London

**12:10 – 12:30**

**Geothermal power plant**, Jörg Uhde, CEO, Pfalzwerke Geofuture GmbH

**12:30 – 12:50**

**Innovative and Environmentally Conscious Usage of Shale Gas**, Fabio Ribeiro, Purdue University and CISTAR

**12:50 – 13:15**

**Public Discussion with the Panel**

**13:15 – 14:10**

**Lunch & Poster Session: time for interactions between students, researchers, speakers and attendees.**

## Section 3 – Environmental & Societal Impact,

*Discussion leader: Sian Loveless, Senior Specialist (Environment Agency UK)*

**14:10 – 14:50**

**Fate and Characteristics of the Subsurface Biosphere**, Prof. Isabelle Daniel, University of Lyon

**14:50 – 15:10**

**Lessons Learned from Long-Term Monitoring of Wells in Saskatchewan: The Aquistore Project**, Erik Nickel, Director of Operations, Petroleum Technology Research Centre, Saskatchewan, CA.

**15:10 – 15:30**

**S4CE Ethical recommendations**, Michele Barbier, Institute for Science & Ethics Scientific officer

**15:30 – 16:00**

**Public Discussion with the Panel**

**16:00 – 16:10**

**Concluding Remarks** Dr. Adrian Jones, S4CE Vice Project Coordinator, University College London