

UCD Seminar

Geothermal Energy, Thermal Energy Storage & District Heating

15th Dec 2022, Thursday, 9:45 – 15:30 (Irish Time, UTC+00)

9:45 Arrival and Refreshments

10:00 Opening Address

Prof. Tasman Crowe, Director of UCD Earth Institute

Prof. John Walsh, UCD Earth Sciences

10:15 **Session 1**

Overcoming barriers and raising awareness: the role of Geological Survey Ireland

Dr Sarah Blake, Geological Survey Ireland, Ireland

Overview of geothermal research and industry development in China

Dr Yanlong Kong, Chinese Academy of Sciences, China

Harnessing and storing energy using thermo-active structures: from behaviour to design methods

Dr David Taborda, Imperial College London, UK

11:30 Coffee Break

11:50 **Session 2**

Delft: A geothermal campus for a geothermal future

Dr Phil Vardon, Delft University of Technology, Netherlands

Large scale thermal energy storage in Denmark

Dr Jianhua Fan, Technical University of Denmark, Denmark

GeoNorm - exploring UCD's geothermal potential

James McAteer, Gavin & Doherty Geosolutions, Ireland

13:05 Lunch Break

14:00 **Session 3**

ATES: opportunities in the energy transition

Bas Godschalk, IF Technology, Netherlands

District heating the infrastructure to enable large-scale geothermal in Ireland

John O'Shea, Codema, Ireland

Registration Links for

On-Site Attendance at UCD University Club: [Eventbrite Link](#)

Online Attendance: [Zoom Link](#)

Acknowledgement

UCD Research & Earth Institute, UCD Civil Engineering

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