

COST ACTION CA18219 Geothermal-DHC

Summer school

Design your own
renewable district
heating and
cooling system

DELFT, THE NETHERLANDS
11TH - 15TH JULY 2022

<https://www.geothermal-dhc.eu/>



WHO: Are you interested in sustainable geothermal heating and cooling? Are you starting out in your career, and would like to know more about heating and cooling using geothermal energy with a focus on heat storage?

Then this summer school is for you.

WHAT:

- The learning activities are focused around a group assignment in which you will design a renewable heating/cooling system, with a focus on heat storage components.
- You will be provided with background information on geothermal and heat storage and distribution technologies via short lectures by key experts.
- A focus on how to store and reuse heat, due to the large fluctuations in heat supply and demand. There will be three excursions to operational geothermal systems and research facilities.
- You will learn from your fellow participants via various session in which participants share their own work.

DESTINATION DELFT Delft is an historical city with many typical Dutch canals and a lively atmosphere. Delft University of Technology is one of the oldest universities of the Netherlands, and ranks among the best university in the world. Within Delft University of Technology the expertise is present to cover all aspects needed for the heat transition.

REGISTRATION AND SCHOLARSHIPS: Geothermal-DHC offers 15 scholarships to attend the summer school and total capacity is 30 students. Don't miss out: [Apply here](#)

COST Action CA18219 Geothermal-DHC: The EU COST Association funds scientific networks organized in "Actions". The Action Geothermal-DHC addresses the integration of geothermal energy in heating and cooling networks. Geothermal-DHC offers opportunities for young researchers to create networks and initiate scientific cooperation across Europe.

IMPORTANT DATES:

20th May: Application deadline

1st June: Selected candidates announced

SPEAKERS:

Confirmed speakers:

Martin Bloemedal - TU Delft / KWR, Netherlands

David Bruhn - TU Delft, Netherlands

Erick Burns - USGS, USA

Jessica Maria Chicco - University of Turin, Italy

Alex Daniilidis - TU Delft, Netherlands

Gregor Götzl - Geological survey of Austria (GBA)

Søren Erbs Poulsen - VIA university College,
Denmark

Nina Rman - GZS, Slovenia

Rao Martand Singh - NTNU, Norway

Phil Vardon - TU Delft, Netherlands

Henk Witte - GroenHolland, Netherlands

STUDENT CONFERENCE:

Present your work, gain feedback from the speakers and other students. Build your network during the week with a wide variety of participants and speakers.