



## International short course on advances in shallow geothermal technology and implementation

Friday 14th June 2019, 09:00 - 16:00

World Forum, The Hague, The Netherlands

Registration: 160 € (standard) / 90 € (student)

9h00 – 9h15	Registration
9h15 – 10h45	<b>Session 1. Updates on standards (CEN, VDI 4640-2), regulations, and the market development</b> Recent market development for GSHP GSHP in the replacement market, experience CEN efforts to create a standard on Borehole Heat Exchangers VDI 4640-2:2019, latest edition of the renown standard What direction for the further development of regulations?
10h45 - 11h00	Coffee break
11h00 - 12h30	<b>Session 2. Latest technical developments in drilling/BHE, heat pumps, materials, and large-scale installations</b> Decision Support System for drilling and borehole heat exchangers, implementation of Cheap-GHPS project results Development of new and advanced materials for BHE applications in project GEOCOND Update on heat pump development for use with shallow geothermal Large scale installations with borehole heat exchangers Large scale installations, supply to quarters with common heat source loop
12h30 - 13h30	Lunch
13h30 - 15h00	<b>Site visit to shallow geothermal site in The Hague</b> (details to be released)
16h00	Return at World Forum