


Event:
Date:
Place:

ENERGY in BUILDINGS 2018
Saturday November 3, 2018
Athens, Hellas



#	Mag. Heiko GAICH	
Title:	Junior expert in Hydrogeology at Geoteam Ges.m.b.H., Graz, Austria	
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Phone number:	+43 664 542 3535	•
Paper/Presentation:	Presentation	•
Present. duration:	20 min (including a 5 min Q&A)	•
PC/Mac	Windows, .pptx-file	•
Requirements:	Provide any additional requirements	•
Presentation title:	Borehole heat exchangers using PCM technology	
	<p>Borehole heat exchangers (BHE) are a simple and common way to serve a geothermal heat pump system and can be used both for heating and cooling. The components influencing the layout and the performance of BHEs will be explained during the presentation.</p> <p>For the TESSe2b project enhanced BHEs using PCM technology were developed. The presentation will show the chosen layout of the BHE and the expected benefits.</p>	
CV:	<p>Mag. Heiko GAICH was born 1971 in Graz, Austria. He completed degree studies in geology at the University of Graz in 2003 with focus on structural geology and started to work for Geoteam in the same year. For two years he took a sabbatical dedicated to scientific work at the Graz University of Technology. The focus of his work at Geoteam as a junior expert lies on the planning and support of geothermal energy projects mainly in the field of shallow geothermal projects.</p> <p>Heiko Gaich is married and has two children.</p>	