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BOZEN - BOLZANO

The Institute for Renewable Energy of the European Academy in Bolzano (Italy) offers

Internship and/or Bachelor, Dipl. or Master thesis in the field of Solar Cooling

within the framework of an ongoing monitoring project. The project aims at monitoring EURAC's energy plant, consisting in a combined heat, cooling and power system. The plant includes a large scale solar collector field, which is not only used for sanitary water production and heating in winter, but also for feeding an absorption chiller in order to produce cold water for air conditioning in summer (Solar Cooling).

Responsibilities	Requirements
<ul style="list-style-type: none">• Adaptation of the control and monitoring system on site• Supervision of data acquisition• Analysis of monitored data• Simulation of the monitored plant with TRNSYS and/or other specialized software• Optimization of regulation and control system• Optimization of system design	<ul style="list-style-type: none">• Student in engineering and/or technical natural sciences (Bachelor, Dipl.-Ing. (FH) or Master)• Good knowledge of thermodynamics• Sound skills in MS Excel• Good knowledge of German or Italian, written and spoken• Good knowledge of English, written and spoken

Period of the activities

Starting in July-August up to 4-12 months.

We offer

Technical and scientific assistance during the internship/ thesis as well as the opportunity to work in a constantly growing team of young people interacting with scientists at international level. Insights and work on the common programs, both in the field of solar cooling and heating (TRNSYS, SOLAC and TSOL). Financial support during the stay.

Interested candidates should submit their application (CV and cover letter) to the following address:

European Academy Bozen
Institute for Renewable Energy
Drususallee 1 - 39100 Bozen
email: renewable.energy@eurac.edu
Tel: +39 0471 055330 Fax: +39 0471 055339

For further information please contact Wolfram Sparber:
Tel: +39 0471 055330, wolfram.sparber@eurac.edu

Please attach the following consent to your personal record, in accordance to the data security decree 196/2003 about personal data handling: 'I authorize EURAC to use my personal data in accordance to decree 196/2003.'

We inform you that we will not be allowed to consider any application without this compliancy declaration.