

CONSORZIO INTERUNIVERSITARIO PER LO SVILUPPO DEI SISTEMI A GRANDE INTERFASE

CSGI
c/o Dipartimento di Chimica "Ugo Schiff"
Università degli Studi di Firenze



Direttore Prof. Piero Baglioni
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CALL ID: CSGI-FI-20/2018

Open position for a researcher within the EU Project "GEOENVI- Tackling the environmental concerns for deploying geothermal energy in Europe"

The Center for Colloid and Surface Science (CSGI) – University of Florence is partner of the Project "GEOENVI – Tackling the environmental concerns for deploying geothermal energy in Europe" (n. 818242), funded by the European Programme Horizon 2020, call H2020-LC-SC3-2018-SingleStage

CSGI has an open position as researcher within the GEOENVI project. The successful candidate will have the possibility to work in a multidisciplinary world-class research and training center.

Time period:

January 01, 2019 – August 30, 2019

Location:

CSGI, Università degli Studi di Firenze, Dipartimento di Ingegneria Industriale, Viale Morgagni 44, 50134, Firenze

Job Requirements:

CSGI is looking for a highly motivated and creative researcher with a Master Degree in Energy or Mechanical Engineering or Environmental Engineering (or equivalent) with expertise in the following fields:

- Knowledge of **energy conversion systems** and components, with emphasis on **geothermal technologies** of different types: flash, dry steam and binary cycles.
- Use of simulation models and Life Cycle Analysis (**LCA**) applied to energy conversion systems.
- **Exergetic and Exergo-environmental** analysis applied to trace back the normalized LCA results to the performance of **key powerplant components** (separators, heat exchangers, expanders, cooling towers and associated equipment).

Candidates must show a good attitude in working in a team, strong analytical and organizational skills.

Gross salary: up to EUR. 11.500,00 € for the time period above specified (part-time job)

All candidates must send:

1. a signed application letter specifying: surname and name, date of birth, address, e-mail and telephone number;

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2. the curriculum vitae et studiorum;
3. the Master Degree certificate with the score of final evaluation;
4. the list of all titles (PhD, others) and documents that can be relevant for the selection;

All applications must be sent by email to recruitment@csgi.unifi.it no later than 14/12/2018 (17:00 CET). Please report the CALL ID in the subject of the email.

A colloquium with the evaluating committee might be requested. The colloquium can take place either face-to-face or via telematic meeting.

The result of the selection will be posted on the CSGI official website <http://www.csgi.unifi.it>

Personal data will be collected and handled according to the Italian privacy policy (D. Lgs. 30 June 2003, nr. 196).

Sesto F.no, November 26, 2018