

# CONSORZIO INTERUNIVERSITARIO PER LO SVILUPPO DEI SISTEMI A GRANDE INTERFASE

CSGI

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



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CALL ID: CSGI-SI-06/2018

## Open position for a researcher within the EU Project "ESPRESSO 'Efficient Structures and Processes for Reliable Perovskite Solar Modules — ESPResSo'

The Center for Colloid and Surface Science (CSGI) – University of Siena is partner of the Project "ESPRESSO - Efficient Structures and Processes for Reliable Perovskite Solar Modules" (n. 764047), financed by the European Programme Horizon 2020, call H2020-LCE-2017-RES-RIA-TwoStage

CSGI offers a position as a researcher in the framework of the ESPRESSO project. The fellow will have the possibility to work at world-class scientific level in multidisciplinary and international teams.

### Time period:

September 1, 2018 – August 31, 2019 (renewable)

### Location:

University of Siena, Department of Biotechnology, Chemistry and Pharmacy in Via Aldo Moro 2, 53100, Siena (SI)

### Job Requirements

CSGI is looking for a talented researcher with a Master Degree in Chemistry (or equivalent) and a Ph.D. in Chemical Sciences (or equivalent) with proven expertise in the following fields:

- Use of methodologies for the sustainability assessment of renewable energy technologies, energy efficiency optimization systems and industrial energy saving processes.
- Application of Life Cycle Assessment (LCA) for the calculation of the environmental footprint of third-generation photovoltaic technologies, such as Dye Sensitized Solar Cells and Perovskite Solar Cells, on different scales ranging from innovative compounds/nanostructured materials syntheses and laboratory test cell production up to the industrial module manufacturing process.

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

Gross salary: up to EUR. 30.000 € for the time period above specified.

All candidates must send:

1. a signed application letter specifying: surname and name, date of birth, address, e-mail and telephone number;
2. the curriculum vitae et studiorum;
3. the degree certificate with the scores of each exam and final evaluation;

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4. Ph.D. certificate;
5. the list of all titles and documents that can be relevant for the selection;
6. a copy of a personal I.D. (printed on both sides);

All applications must arrive by email to [segreteria@csgi.unifi.it](mailto:segreteria@csgi.unifi.it) no later than 10/08/2018  
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 Skype.

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, July 11, 2018