

Florence, October 5<sup>th</sup> 2021

The Center for Colloid and Surface Science (CSGI) has an open position for a Researcher. Proven experience in the physical chemistry of nanomaterials, self-assembling phenomena, and advanced characterization techniques (Light and X-ray Scattering, confocal and electron microscopy, gas-porosimetry, etc.) and good knowledge of spoken and written English are required. Post-graduate experience in University or Research Centers, and publications in peer-reviewed scientific journals will be a plus. The research will be carried out in Sesto Fiorentino at the CSGI c/o Department of Chemistry “Ugo Schiff” of the University of Firenze (supervisor Prof. Emiliano Fratini) with the following title:

**“Investigation of the formation mechanism of silica-based capsules”**

Time period:

January 1<sup>st</sup> 2022 – December 31<sup>th</sup> 2022

Location: University of Florence, Department of Chemistry “Ugo Schiff” in Via della Lastruccia 3, 50019 Sesto Fiorentino (FI).

Job Requirements

CSGI is looking for a talented and motivated researcher with a Ph.D in Chemical Sciences with the following expertise:

- Proven experience in the physical chemistry of nanomaterials
- Proven experience in advanced characterization techniques
- fluent spoken and written English

The recruited person will:

- Actively participate in research, lab management and set-up of new experimental methodologies
- Perform the planned research activities, analyse data and write a monthly report
- Actively participate in biweekly research meetings with the industrial partner

**Gross salary: up to EUR. 25.000 €/year.**

For more information, please contact Prof. Emiliano Fratini ([fratini@csgi.unifi.it](mailto:fratini@csgi.unifi.it))

All applicants must send:

1. A signed application letter specifying: CALL ID, surname and name, date of birth, address, e-mail, and including a motivation statement;
2. Academic CV (including a list of publications, a list of courses and a list of talks given), description of research interests and research agenda;
3. Degree certificates;

4. List of all titles, documents and publications that can be relevant for the selection;
5. Contact details of -at least- two potential references
6. Copy of a personal I.D. (printed on both sides);

All applications must be sent by email to

[segreteria@csgi.unifi.it](mailto:segreteria@csgi.unifi.it)

no later than 20/11/2021 (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 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).