

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. Emiliano Fratini

CALL ID: CSGI-FI-13/2026

The Center for Colloid and Surface Science (CSGI) has an open position for a researcher, with advanced experience in physical chemistry, with a particular focus on the investigation of the structure and the hydration processes of cementitious materials.

The fellow will have the possibility to work at world-class scientific level in a multidisciplinary and international team, on a joint academic project entitled:

"Effect of limestone particle size distribution and of grinding agents on the hydration kinetics of High Filler Low Clinker binders"

Time period:

November 1, 2026 – July 31, 2027

Location:

CSGI, University of Florence, Department of Chemistry "Ugo Schiff" – DICUS
Via della Lastruccia, 3 – 50019 Sesto Fiorentino (FI)

Job Requirements:

CSGI is looking for a highly motivated researcher with Master Degree in Chemical Science, with advanced expertise in the following fields:

- Acquisition and analysis of hydration kinetics of cementitious binders.
- Knowledge of thermal analysis (differential scanning calorimetry, isothermal calorimetry, thermogravimetry), scanning electron microscopy, rheology, gas-porosimetry, X-ray diffraction analysis, granulometry.
- Experience in the investigation of low carbon binders.

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 final report;
- Actively participate in research meetings with industrial partners.

Gross salary: up to EUR. 1.970,00€/month.

For more information, please contact Prof. Francesca Ridi (ridi@csgi.unifi.it)

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All applicants must send:

1. [This signed application letter](#);
2. Academic CV;
3. Degree certificates;
4. List of all titles, documents and publications that can be relevant for the selection;
5. Copy of a personal I.D. (printed on both sides);

All applications must be sent by email to recruitment@csgi.unifi.it **no later than October 15th, 2026 – 17:00 CET.**

Please report the CALL ID (CSGI-FI-13/2026) 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 commission will rank the suitable candidates; the ranking will be published on the CSGI website at https://www.csgi.unifi.it/work_with_us.php and will remain effective for a period of one year from the date of its approval. This ranking may be used by CSGI to replace the appointed candidates in the event of renunciation, non-employment, forfeiture, termination of the employment relationship, or for equivalent positions.

The winner of this position may be excluded if he/she would postpone the beginning of the research activity later than April 1st 2027.

Personal data will be collected and handled according to the GDPR- General Data Protection Regulation (EU) 2016/679.

Sesto F.no, September 1st, 2026