

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-PV-14/2026

The Center for Colloid and Surface Science (CSGI) has an open position for a researcher, with experience in Physical Chemistry of Soft Matter.

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

"Synthesis and physicochemical characterization of ferrites for biomedical applications and development of a suitable functionalization"

Time period:

October 15, 2026 – April 15, 2027

Location:

University of Pavia, Department of Chemistry, Via Taramelli 16, 27100 Pavia (PV)

Job Requirements:

CSGI is looking for a highly motivated young researcher (**recent MSc graduate**) with a M.S. degree in Chemistry, with expertise in the following fields:

- In depth knowledge of the main methods of synthesis of powders (solution techniques, solvothermal, hydrothermal, solid state);
- in depth knowledge of the main instrumental physical chemical techniques: X-ray powder diffraction and Rietveld structural refinement, SEM and TEM microscopies, FT-IR and Raman spectroscopies and thermal measurements (TGA-DSC)
- interpretation of physical data (EPR, SQUID);
- critical evaluation of the data;
- teamwork skills;
- high oral and written English communication skills.

The recruited person will:

- Actively participate in research and lab management
- Perform the planned research activities, analyse data and write a monthly report
- Participate to the planned meetings with the team

Gross salary: EUR. 1.000 €/month

For more information, please contact Prof. Marcella Bini (marcella.bini@unipv.it)

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All applicants must send:

1. [This signed application letter](#);
2. CV with description of research interests and skills;
3. Degree certificates;
4. List of all titles and documents 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 recruitment@csgi.unifi.it **no later than October 1st, 2026 – 17:00 CET.**

Please report the CALL ID (CSGI-PV-14/2026) 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 October 15th 2026.

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

Sesto F.no, September 1th, 2026