

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-11/2026

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

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

"Synthesis, characterization, and evaluation of green materials for the preconcentration and removal of emerging pollutants from water"

Time period:

September 1, 2026 – December 31, 2026

Location:

University of Pavia, Department of Chemistry, Via Taramelli 12, 27100 Pavia (PV)

Job Requirements:

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

- methods of synthesis of powders (solution techniques, solvothermal, microwave);
- interpretation of powder X-ray diffraction data, SEM / EDS, porosimetry, TGA-DSC;
- laboratory experience for the treatment of environmental matrices, aqueous in particular, with the most modern analytical techniques of extraction and preconcentration for the determination of trace level analytes ($\mu\text{g L}^{-1}$ and sub-ng L^{-1});
- critical evaluation of the analytical data;
- in-depth knowledge of the main instrumental techniques of spectroscopic and chromatographic analysis (UV-vis absorption, HPLC-FD, HPLC-MS/MS, ICP-OES, ICP-MS);
- teamwork skills;
- high oral and written English communication skills.

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 monthly research meetings within the team.

Gross salary: up to EUR. 1.000,00 €/month.

For more information, please contact Prof. Michela Sturini (michela.sturini@unipv.it).

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All applicants must send:

1. [This signed application letter](#);
2. Academic CV (including a list of publications and conference participation), 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 recruitment@csgi.unifi.it no later than July 19th, 2026–**17:00 CET**.

Please report the CALL ID (CSGI-PV-11/2026) 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 September 1st 2026.

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

Sesto F.no, June 22nd, 2026