

Florence, November 15th 2021

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:

“Magnetic adsorbent matrices: synthesis, characterization and application in the preconcentration and recovery of emerging pollutants”

Time period:

January 2nd 2022 – April 30th 2022

Location: University of Pavia, Department of Chemical Physics in Via Taramelli 16, 27100 Pavia.

Job Requirements

CSGI is looking for a talented and motivated researcher with a M.S. degree in Chemistry with the following expertise:

- 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 (ug 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 with UV detectors, fluorescence);
- 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.

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

For more information, please contact Prof. Doretta Capsoni (doretta.capsoni@unipv.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, 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

no later than 22/12/2021 (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).