

# 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. Piero Baglioni  
tel. 055-4573033  
e-mail [baglioni@csgi.unifi.it](mailto:baglioni@csgi.unifi.it)

CALL ID: CSGI-PV-02/2022

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 team, on an academic project entitled:

**"Electrode materials for NIBs: synthesis, characterization and electrochemical performances"**

Time period:

May 1, 2022 – September 30, 2022

Location:

CSGI, University of Pavia, Department of Chemistry – Physical Chemistry section, Viale Taramelli, 16 - 27100, Pavia (PV)

Job Requirements:

CSGI is looking for a highly motivated young researcher with a Master degree in Chemistry, with expertise in the following fields:

- Synthesis of the active materials
- Preparation of the electrodes by conventional methods (slurries preparation, coating, drying and punching) and by electrospinning;
- Active materials and electrodes characterization through X-ray powder diffraction, spectroscopic, and microscopy techniques.
- Electrodes electrochemical tests (Cyclic Voltammetry and charge-discharge cycles, impedance spectroscopy)

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 report at the end-of-period

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

For more information, please contact Prof. Doretta Capsoni ([doretta.capsoni@unipv.it](mailto:doretta.capsoni@unipv.it))

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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. CV: description of the research interests, focus on the skills acquired in synthesis and characterization techniques concerning the project topic.
3. Degree certificates;
4. List of titles and documents 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](mailto:recruitment@csgi.unifi.it) no later than April 27<sup>th</sup>, 2022 – 17:00 CET.

Please report the CALL ID ( CSGI-PV-02/2022) 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 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 GDPR- General Data Protection Regulation (EU) 2016/679.

Sesto F.no, March 22<sup>th</sup>, 2022