

Multivariate data analysis for gas sensors

Description

We are looking for outstanding researchers willing to apply for the Marie Skłodowska-Curie (MSCA) Fellowships with a proposal in the area of multivariate data analysis for gas sensing applications. We are experts on sensor fabrication, synthesis, and characterization of gas sensitive materials addressed to the environmental and agro-food sectors. We are interested in supporting researchers with expertise in multivariate data analysis (e.g., neuronal networks, machine learning, chemometrics) and experimental work to complement our activities and meet together the main objectives of the MSCA call, which include, among others, the excellence, transfer of skills among participants, and the triple-i mobility (international, interdisciplinary, inter-sectoral).

Requirements

Interested candidates must fulfill the eligibility criteria of the MSCA call. For more details, please, address the [current open call](#).

Research Group

The activities will be carried out in The Spanish National Research Council (CSIC), specifically in the Institute of Microelectronics of Barcelona (IMB-CNM) in collaboration with the [gas sensor group](#), which focuses its research on new gas detection principles and the integration of nanomaterials and microplatforms for more performant, affordable, and miniaturized sensing systems addressed to applications of high socioeconomic impact.

How to apply

Expression of interests (EoI) must be send by email to stella.vallejos@imb-cnm.csic.es with the subject: Expression of Interest MSCA-2023

The EoI must include a short CV and a letter of interest identifying research synergies with the topic proposed here.

Deadline for applications 15th June 2023

- This offer can be found on: <https://www.imb-cnm.csic.es/en/research/research-career/marie-skłodowska-curie-fellowship-opportunities>
- More information on IMB-CNM: <https://www.imb-cnm.csic.es/en/>