



UNIVERSITY
OF CRETE

**Post-doctoral Position in SiC-based-FET Biosensors
at the Grenoble-MINATEC (Grenoble INP), France
in collaboration with FORTH Institut, University of Crete, Greece.**

A post-doctoral research position in SiC-based-FET Biosensors is available starting mid-2024. The work aims at the optimization of SiC-based nanowire FETs (NWFETs) and ion sensitive junction FETs (ISJFETs) for biosensing applications (pH, protein...). SiC is a biocompatible semiconductor with a high chemical inertness and is an interesting alternative to the commonly studied Si NWFETs.

The post doc position is for 1 year of employment, with the possibility of extension/applying for further funding.

The work will be principally performed within 2 Grenoble laboratory partners in this project: CROMA (ex IMEP-LaHC) and LMGP, both located at Grenoble-MINATEC, as well as within one lab from Greece (Microelectronics Research Group/FORTH and University of Crete) in the framework of the BioSiC project.

The successful applicant should be familiar with both cleanroom processing, chemical surface functionalization, electrical and electrochemical device characterization and have good communication skills.

The work is funded by the Auvergne-Rhone Alpes region (AURA) and FORTH Institute. For further information, please, contact:

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