

**PROFILE:**

RESEARCH TECHNOLOGIST - LVL D3 – 6 positions

**CONTRACT DETAILS:**

Full time, contract duration of 18 months (renewable for other 18 months), with the possibility of permanent stabilization according to the general PNRR rules

**LOCATION:**

Università di Roma La Sapienza (<https://uniroma1.it>) - Department of Basic and Applied Sciences for Engineering (SBAI), Rome, Italy

**ABOUT US:**

The PNRR Research Project “Infrastructure for ENergy TRANSition and Circular Economy @ EuroNanoLab - iENTRANCE@ENL” (<https://www.ientrance.eu>) aims at becoming the first distributed, integrated, and fully interoperable Technological Research Infrastructure of European excellence in Italy devoted to Clean Energy Transition Research.

Our mission is to address the pressing global challenges represented by Clean Energy Transition, Sustainability, and Circular Economy, by providing the scientific community with access to micro- and nanotechnology services and expertise focused on new materials, processes, and systems specifically designed to mitigate the environmental impact of production, storage, distribution, and use of energy.

The Research Infrastructure, coordinated by the National Research Council (CNR), is made up of INRiM, Politecnico di Torino, Università di Bologna, Università di Roma La Sapienza, and Università di Roma Tre. Together, we will focus our research activities and services on four main topics: 1.Nanomaterials for energy; 2.Processes for material production and transformation to devices for green energy production, storage, and management; 3.Micro- and nanoscale systems and multiscale experimental techniques for the functional, structural, and mechanical characterization of materials and devices; 4.Technologies for the realization of devices and systems.

**WHAT WE ARE LOOKING FOR:**

**6 new CALLS are now open for the recruitment of 6 RESEARCH TECHNOLOGISTS,**

for the needs of the PNRR Research Project “Infrastructure for ENergy TRANSition and Circular Economy @ EuroNanoLab - iENTRANCE@ENL” (<https://www.ientrance.eu>).

- **Deadline for application: February 27, 2023**

The official announcement of the opening of the calls was published on 27 January 2023 in the GU (Italian Official Gazette) :

<https://www.gazzettaufficiale.it/atto/concorsi/caricaDettaglioAtto/originario?atto.dataPubblicazioneGazzetta=2023-01-27&atto.codiceRedazionale=23E00930>

The calls and all the related details for application are available on the official Sapienza website at the following link:

[https://web.uniroma1.it/trasparenza/bandi\\_concorso\\_tab/80](https://web.uniroma1.it/trasparenza/bandi_concorso_tab/80)

All the positions will be Full Time, level D3, with a contract duration of 18 months (renewable for other 18 months) and with the possibility of permanent stabilisation according to the general PNRR rules.

A Master' degree is required in one of the following field depending on the specific position (details are given in the official calls published on January 27): Engineering, Physics, Chemistry, Data Science. Additional certifications (i.e. PhD, also in progress) or experience will be properly considered and evaluated. The public competitions will be based on qualifications and written and oral exams.

The six positions will be devoted to the operation and support to the management of:

1. Instrumentation for electron and x-ray tomography;
2. Instrumentation for characterization by AFM and physico-chemical spectroscopy techniques;
3. Instrumentation for chemical processes and physico-chemical characterizations;
4. Instrumentation for computing and data storage systems;
5. Software control systems and hardware interfaces for the control of instrumentation and for samples preparation;
6. Instrumentation for physical processes and physico-chemical characterizations.

By joining our teams of research specialists, you will have the opportunity to be directly involved in the management of state-of-the-art instrumentation devoted to research excellence across materials for catalysis, electrodes, thermoelectrics, membranes, photovoltaics, and structural materials for combustion, hydrogen, and marine renewables.

We will provide you with access to our state-of-the-art capabilities and with top-level expertise on micro- and nanoscale structural, compositional, opto-electronic, in-situ, and in-operando characterization. At the same time, we will develop in-house research activities aimed at improving the overall capabilities of our Research Infrastructure beyond the state-of-the-art.

Excellence-driven schools, advanced courses, and other initiatives, such as stages and internships, will be planned to further encourage the academic and professional development of our teams of researchers and specialists.

For more information about the project and positions: Prof. Marco Rossi (coordinator of Sapienza Unit) - [marco.rossi@uniroma1.it](mailto:marco.rossi@uniroma1.it)