

Tenure Track Position (Chaire de Professeur Junior) opportunity at GPM, University of Rouen Normandie (France)

A tenure track position is open for application at the “Groupe de Physique des Matériaux – GPM” at the University of Rouen Normandy. This position is a “Chaire Professeur Junior” with the opportunity to be hired as full professor in a period of 4 to 6 years.

The GPM (Groupe de Physique des Matériaux) with a staff of 150 people is one of the largest laboratories of the University of Rouen Normandy. GPM was among pioneers for the development of atom probe tomography and our research activities are nowadays dedicated to the investigation of materials down to atomic scale with a special emphasis on the relationships between structures and properties, both with experimental and modelling approaches. Research fields include scientific instrumentation, metallic alloys, semi-conductors, functional materials, polymers and composite materials, nanomaterials. Scientists in the lab carry out their research on a state of art instrumental platform with atom probes, FIB-SEM, TEM, XRD, X-ray tomography...

Candidates are expected to propose a project in the field of physics of materials with the application of high-resolution microscopy (tomographic atom probe, electron microscopy) and/or numerical modeling approaches. A focus is expected on the development of innovative approaches for the understanding of the physical mechanisms operating at the atomic scale and controlling the properties of materials. This could include the development of correlative or in-situ methodologies to study the dynamics of systems. The project should be innovative and preferably address issues related to technological transitions of the future (lighter structures, photovoltaics, durability of materials, recycling, hydrogen, rare-earth magnets, semiconductors, etc.).

The successful candidate will have a teaching duty of 42 h of lectures or 64 h of tutorials (or any equivalent combination) per year. General physics and materials physics courses will be taught at the Physics Department of the University of Rouen Normandy.

We are seeking an exceptional candidate who will contribute to strengthening our research activities at GPM. The expected background is a doctorate in materials science with 4 to 10 years of additional Post-docs that led to important scientific contributions published. The selected candidate will receive a €250,000 research package that includes: €130,000 for a Doctoral student (3 years), €60,000 for a Post-doctoral student (1 year) and €60,000 for other expenses.

The monthly starting salary will be at index 735 (3618.24€ gross, 2937.05€ net)

The closing date for applications is 15 July 2025.

Interviews are expected to be held in Rouen beginning of September 2025.

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GPM website: <https://gpm.univ-rouen.fr/en>

University of Rouen website: <https://www.univ-rouen.fr/university-of-rouen-normandy/>