



PI position in biological physics

Centre Interdisciplinaire de Nanoscience de Marseille

CINaM (Centre Interdisciplinaire de Nanoscience de Marseille, France) is seeking to recruit highly motivated scientists to carry out independent research in the areas of biophysics, bio-inspired soft matter and/or nano-bio-engineering. The call is open to scientists at all stages of career. Young individuals willing to start a new group, as well as teams that want to join as a whole, are welcome.

CINaM is a leading French nanoscience research center, affiliated to CNRS (French National Research Centre) and situated in the Parc National des Calanques on the campus of Luminy of Aix-Marseille University. Research at the Institute is supported by a range of cutting-edge core facilities. It is already highly interdisciplinary, incorporating different fields of physics and chemistry, and wants to strengthen its biophysics activity.

The successful candidate will be expected to develop an innovative research project at the frontier between physics and biology at the micro/nano-scale. She/he will join a new department “Physics and micro-nano-engineering for living systems” in CINaM. The current interests of the department include biosensors, biomaterials, biomimicry, adhesion and mechanics of cells and membranes, DNA mediated soft interaction, microfluidics, cell rheology, and biofluids. The department has strong connections with eminent biology centers in Luminy (CIML, IBDM) and local hospitals (La Timone, Hôpital Nord).

CINaM will provide adequate lab and office space to the recruited team, as well as access to its core facilities including electronic, confocal and near-field microscopy, technological platform with clean room for micro and nano fabrication. Cell culture facilities, optical microscopy, biochemistry and physicochemical labs will be available within the department. The candidate should be able to fund his/her own salary, either through an existing grant or a permanent position.

Applicants should send a C.V., a summary of scientific achievements and proposed research, and recommendation letters by e-mail, to any of the PIs of the department before the end of 2015.

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