

Postdoctoral position in experimental low temperature condensed matter physics

Foundation for Research & Technology, Hellas (FORTH)
and University of Crete, Greece

The "Emergent Electronic Complexity" team located at <http://www.iesl.forth.gr/> and <http://www.physics.uoc.gr/en/index.php> is looking for a Postdoctoral Research Fellow (PRF) with experience in at least one of the following techniques: transport and/or thermodynamic measurements in correlated electron systems. Experience in the characterization of the electromagnetic properties of interfaces in oxide multilayers will be considered a plus. The project involves the study of emergent electronic phases in transition metal oxides in low dimensions.

The duration of the position is for two (2) years initially, and the starting date as soon as possible. The net monthly salary is ~ 2,000 Euros.

The group includes 3 PRF's, 2 PhD students and one senior technical officer. One PRF in theory and a junior technician are expected to join in the first half of 2009. The team is led by Prof. C. Panagopoulos and was founded following receipt of two major European distinctions: The Marie Curie Excellence Grant and the European Young Investigator Award
http://www.ite.gr/index_main.php?c=28&l=e&i=50 .

Team members enjoy a vibrant scientific environment among theorists and experimentalists and close ties with Cambridge and Singapore. This is complemented by short and long stays of distinguished colleagues. The group benefits from on-site electronics, mechanical workshops and helium and nitrogen liquefiers. We pay attention in the development of new techniques per project and for this we make use of three superconducting magnets and a Quantum Design SQUID magnetometer, employed for transport and thermodynamic experiments up to 9Tesla and to millikelvin temperatures. Material characterization using SEM, TEM, XRD and femtosecond optics through the European Laser facility at FORTH is also available.

Applicants should send a CV, a statement of research interests, and at least two letters of recommendation to chripan@iesl.forth.gr

Application deadline: 31 March 2009