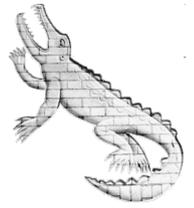




University of Cambridge
Cavendish Laboratory
Atomic, Mesoscopic and Optical Physics



Novel Spin Qubits in Diamond
Marie Curie Postdoctoral Fellowship



Through the **S³NANO** Initial Training Network we offer a one-year research associate (postdoctoral fellowship) position as an Experienced Researcher.

Applications: Applicants will be considered for 1 May 2014 starting date (negotiable). Full applications with must be completed by **1 February 2014**. Interviews will be in mid-February 2014. Please quote 'KA02363' in your correspondence.

The network: **S³NANO** is a network of nine institutions across Europe. This network brings together an exceptionally strong group of world leading experts in nanoscience and technology in order to achieve breakthroughs in understanding and successful utilization of nanoscale systems in future devices. Extensive interactions among participants will take place through exchange visits, network meetings, conferences and laboratory courses. Competitive salary is offered for the Fellowship.

The project: The Research Fellow will focus on coherent control of spin in diamond point defects. The post requires extensive experience with experimental quantum optics with either atoms or solids, in particular with optically active colour centres in diamond such as SiVs or semiconductor quantum dots. This project fits under the group's general research umbrella of solid-state quantum information processing.

Eligibility criteria for ITN-funded positions: Full requirements of the University of Cambridge and the Physics Department apply. To satisfy the EU mobility criteria the applicant can have any citizenship, but must not have lived or carried out work (and/or study) in the UK for more than twelve months in the last three years. The applications should be sent to Pam Hadder, AMOP Group, Cavendish Laboratory, JJ Thomson Avenue, Cambridge CB3 0HE, UK or by email to: pjh65@cam.ac.uk and should include a full CV, a list of publications, the names and contact details of two referees, a brief summary of research interests, and a completed copy of the CHRIS/6 Cover Sheet available from: <http://www.admin.cam.ac.uk/offices/hr/forms/chris6/>

For further information please visit: <http://www.amop/phy.cam.ac.uk/amop-ma>