Lecturer/Senior Lecturer - Atomic Molecular and Quantum Physics AMQP

College of Science

Swansea University -Department of Physics

Lecturer Grade 8 £32,277 to £37,394 per annum (pro rata if part time) together with USS pension benefits.

Senior Lecturer Grade 9 £38,511 to £45,954 per annum (pro rata if part time) together with USS pension benefits.

The normal expectation is to be appointed to the minimum of the agreed scale with annual increments on 1 October each year (subject to completing six months service).

Applicants are invited for two posts at the level of Lecturer (grade 8) or Senior Lecturer (grade 9) in the Atomic Molecular and Quantum Physics (AMQP) Group, within the Department of Physics in the College of Science, on a Teaching and Research career pathway.

The College of Science is a cutting edge research and teaching environment with state-of-the-art facilities across all five Departments (Biosciences, Computer Science, Geography, Mathematics and Physics) and is an internationally recognised centre for academic excellence.

The College is looking to expand Physics by strengthening and strategically growing areas of excellence. The Physics Department at Swansea has world-renowned excellence in Atomic Molecular and Quantum Physics, in addition to that in Particle Physics Theory. EPSRC support for our experimental activities includes major awards for the efforts in antihydrogen and positronium physics. The Department is enjoying record student recruitment at undergraduate level, with yearly cohorts now around 150.

The University has several career pathways based around core academic criteria coupled with enhanced criteria in research, management and innovation. We are seeking to appoint candidates who have a skill set aligned with teaching combined with enhanced research within the field of Atomic Molecular and Quantum Physics.

These are permanent positions and the salary will be on either the Grade 8 or 9 scales, depending on the academic profile which best matches the experience and qualifications of the successful applicants.

Candidates must hold a PhD in physics, have a strong record of research activity in one of the AMQP Group sub-fields (cold atom physics, quantum control, ultra-fast phenomena, positron and antihydrogen physics, and nano-scale science and its applications) and must demonstrate clear synergy and/or added value to the Department. The successful candidates will be expected to expand their own research activities. All

appointments will be required to be an active part of the ongoing programme of expansion and strengthening of the research activity of the AMQP Group and to be committed to excellence in research and in teaching at both undergraduate and graduate levels.

The Atomic Molecular and Quantum Physics (AMQP) Group at Swansea University presently consists of nine faculty members. Current activities of the group range widely from cold atom physics, quantum control, ultra-fast phenomena, nano-scale science and its applications and positron and antihydrogen physics.

We are looking for individuals who can significantly enhance our student learning experience through teaching and continuing development of the curriculum. They will share and promote good practice in teaching and aim to develop innovations in teaching methods to engage and inspire students. In addition all academic staff are expected to undertake key administrative and course leadership duties, varying according to the level of appointment.

Further information about the job and a description of the application procedure are provided at this URL.

Informal enquires are welcomed, via –

Professor Mike Charlton, Head of Department Physics (m.charlton@swansea.ac.uk)

Professor Steven P Wilks, Head of College of Science (s.p.wilks@swansea.ac.uk)

This post will close at midnight Thursday 22nd January 2015.

We are an equal opportunity employer aiming for diversity in our workforce.

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