Job Posting

INSTITUTION University of Warsaw, Faculty of Physics, Institute of Experimental Physics

CITY Warsaw

POSITION Assistant Professor in Atto-science (in Polish: adiunkt naukowy, specjalność: “Atto-science”)

DISCIPLINE Physics

POSTED January 21, 2013

EXPIRES February 4, 2013

KEY WORDS Physics, Optics, Atto-science, Attosecond Pulse, Deep-UV Radiation

DESCRIPTION:

University of Warsaw, Faculty of Physics is seeking to strengthen its research potential in the area of photonics and quantum science. The action supported by EU-funded project PhoQus@UW includes establishment of new research activities in the area of atto-science. To this end, University of Warsaw, Faculty of Physics is inviting applications for a position of an assistant professor – a leader of an experimental atto-science research group. It is expected that the newly appointed professor will propose a specific research program within the general area of atto-science, establish a small research group and build suitable experimental capabilities. The university will provide funding for the three-year personnel costs as well as a start-up money for the infrastructure.

The work to be performed by the newly hired professor will concern two related activities: (1) design, construction and characterisation of the source of attosecond pulses of electromagnetic radiation and (2) use of the above to carry-out research. The design of the source and specific topics to be studied will be proposed by the professor who will also carry out research as well stimulate and supervise the activities of other group members. The candidate is expected to have, first of all, experience in planning, successfully building and operating complex laser installations, specifically large femtosecond systems. In addition the candidate should have experience in constructing and operating vacuum as well as deep-UV
radiation diagnostic systems required for attosecond pulse handling and diagnostics. It is expected that the candidate will be able to show significant achievements in organising and directing the work of a small research team. The Faculty of Physics will prefer candidates who will link the new research to the currently existing research directions to provide synergy and enhance the impact of the new research group as well as the whole project. This includes the joint use of the existing infrastructure as well collaboration with the faculty members.

DOCUMENTS REQUIRED:

- Application to enter the contest
- Curriculum vitae
- Copy of doctorate certificate
- Research statement including plans for the advertised position
- List of publications
- Candidates have to send names and contact information of three persons who can provide reference letters

HOW TO APPLY: Apply in writing to Faculty of Physics, Institute of Experimental Physics, the University of Warsaw, ul. Hoża 69, PL-00681 Warsaw (contact for details by e-mail to phoquisjobs@uw.edu.pl)

Applications documents and contact details of the referees should be also sent by email to: phoquisjobs@uw.edu.pl.