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 post-doctoral position (assistant professor) in atto-science research group. It is expected that the newly appointed post-doctoral researcher will significantly contribute to the research conducted by the group. The University will provide funding for the personnel costs for 6 months starting from November 1st 2015.

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 candidate is expected to have, first of all, experience in planning, successfully building and operating complex laser installations, specifically large femtosecond systems. In addition, it will be beneficial if the candidate had experience in constructing and operating vacuum as well as deep-UV radiation diagnostic systems required for attosecond pulse handling and diagnostics.
The Faculty of Physics will prefer candidates who will link their 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, Division of Optics, University of Warsaw, ul. Hoza 69, 00-681 Warsaw, Poland (for details contact: phoqusjobs@fuw.edu.pl)

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