



HR EXCELLENCE IN RESEARCH

FORM FOR EMPLOYERS

INSTITUTION: UNIVERSITY OF WARSAW, FACULTY OF PHYSICS

CITY: WARSAW, **POLAND**

POSITION: ASSISTANT PROFESSOR

NUMBER OF POSITIONS: 1

DISCIPLINE: PHYSICS

POSTED: 20 JUNE 2017

EXPIRES: 30 SEPTEMBER 2017

WEBSITE: WWW.FUW.EDU.PL

KEY WORDS: QUANTUM METROLOGY, QUANTUM INFORMATION

DESCRIPTION (field, expectations, comments):

Description of tasks

Study of fundamental bounds and optimal protocols in quantum metrology in presence of realistic noise models in optical and atomic systems both in single and multiparamter problems as well as investigations of connections between quantum metrology and quantum thermodynamics.

Requirements:

- PhD degree in the field of physics obtained not earlier than 7 years before the year of employment in the project
- research experience in theoretical quantum information and quantum metrology
- significant scientific publication record
- very good English language command
- experience in supervising research of younger colleagues/students is welcomed

Employment conditions

Work will be performed at the Institute of Theoretical Physics, Faculty of Physics University of Warsaw, under the supervision of dr. hab. Rafał Demkowicz-Dobrzański (the PI of the project)

The position is available for a period of 24 months starting not sooner than December 2017. For additional questions please contact dr. hab. Rafał Demkowicz-Dobrzański (demko@fuw.edu.pl)

The candidate should provide the following documents:

1. Application letter for the position including the acceptance for the treatment of personal data: “I hereby give consent for my personal data to be processed for the purposes of recruitment, in accordance with the Personal Data Protection Act dated 29.08.1997 (uniform text: Journal of Laws of the Republic of Poland 2002 No 101, item 926 with further amendments)”
2. curriculum vitae containing information on current research activities, on past achievements and the research interests together with a full list of publications accompanied by respective number of citations
3. copy of the PhD diploma or certificate of a successfully passed PhD exam and copies of other diplomas obtained
4. reference letter from at least one renowned researcher

Applications should be submitted by e-mail in pdf electronic format to demko@fuw.edu.pl

Application deadline is September 30th 2017, 23:59. Initial decision should be available by 15 October 2017. The starting date for the position is flexible (from December 2017 onwards).

This announcement is the first step in the procedure of employing an academic teacher