

STUDENTSHIP IN QUANTUM PHOTONICS LAB

Quantum Photonics Laboratory (<http://fuw.edu.pl/~zopt/LFK>) within the Faculty of Physics of the University of Warsaw seeks to fill a student position. The position is within the “Manipulating spectral entanglement by complex temporal phase modulation” project, funded by the Foundation for Polish Science HOMING programme.

We seek motivated candidates pursuing their degrees in physics and related disciplines. Previous experience of experimental work in a photonic laboratory or with high-speed electronics will be an asset. We expect an understanding of the basic concepts of quantum information processing commensurate with the candidate's level of education.

We offer participation in a cutting-edge research project, which aims to combine recent developments in quantum optics with state-of-the-art radio-frequency optical modulation methods to realize highly efficient optical encoding of quantum information and quantum key distribution protocols. The project will be carried out in a tight collaboration with the Department of Physics of the University of Oxford.

The position is funded for up to 23 months, with a monthly stipend of 1500 PLN.

The deadline for applications is **16 December 2016**. Selected candidates may be invited for interviews which may take place between 19 and 21 December 2016 (remote interview possible). Please submit a CV and a copy of your academic transcript in a single email message (with pdf attachments) to michal.karpinski@fuw.edu.pl by midnight on 16 December. The applicants are encouraged to nominate at least one senior academic who may be contacted to provide a reference. You may be requested to provide originals of the submitted documents.

Please include an explicit consent to process your personal data for the recruitment purposes pursuant to the Personal Data Protection Act dated 29 August 1997 (Polish Journal of Laws of 2015, item 2135 as amended) in your application.

