JOB OFFER

Position in the project:	Postdoctoral researcher
Scientific discipline:	Optical physics, information theory, quantum optics, photonics
Job type (employment contract/stipend):	Employment contract
Number of job offers:	2
Remuneration/stipend amount/month (*"X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"*):	10 000-15 000 PLN of full remuneration cost, i.e. expected net salary at 5 300 – 8 000 PLN
Position starts on:	1 September 2018 or later
Maximum period of contract/stipend agreement:	2 years (with extension option)
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Professor Konrad Banaszek
Project title:	Quantum Optical Technologies *Project is carried out within the International Research Agenda programme of the Foundation for Polish Science*
Project description:	The central objective of the project is to explore specifically quantum phenomena, such as superpositions and entanglement, to develop new modes of quantum information processing and transmission, metrology, sensing, and imaging.
Key responsibilities include:	1. Design of quantum measurement schemes 2. Analysis of effects of noise and imperfections 3. Identification of ultimate quantum bounds as benchmarks
Profile of candidates/requirements:	1. Knowledge of at least one of the fields: optical physics, quantum optics, photonics, information theory, statistical mathematics, image processing commensurate with the education level of the candidate
Required documents:	1. Curriculum vitae 2. Research record 3. Contact details of at least one senior researcher familiar with candidate's work
We offer:	Participation in an exciting research project related to long-term practical utilization of quantum mechanical phenomena
Please submit the following documents to:	E-mail address: qtlab@cent.uw.edu.pl
Application deadline:	1st June 2018
For more details about the position please visit (website/webpage address):	
Euraxess job/stipend offer (in case of PhD and postdoc positions):	https://euraxess.ec.europa.eu/jobs/303850

Please include in your offer:

"I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended."