

JOB OFFER

Position in the project:	Engineer
Scientific discipline:	Physical sciences (astrophysics)
Job type (employment contract/stipend):	Employment contract
Number of job offers:	1
Remuneration/stipend amount/month:	11000PLN <i>of full remuneration cost, i.e. expected net salary at approx 7000 PLN</i>
Position starts on:	March 1st, 2018
Maximum period of contract/:	33 months
Institution:	Astronomical Observatory, Department of Physics, University of Warsaw
Project leader:	Prof. Dr hab. Tomasz Bulik
Project title:	<i>Advanced algorithms for detection and modelling of newtonian noise for interferometric gravitational wave detectors</i> <i>Project is carried out within the TEAM programme of the Foundation for Polish Science</i>
Project description:	The recent detections of gravitational wave sources has shown the scientific potential of gravitational wave astronomy. In order to enhance this potential we will work to enhance the sensitivity of gravitational wave detectors at low frequencies, where the newtonian noise is the main obstacle. The main goal of the project is to investigate this noise and to work on algorithms to compensate it, so that we can discover more massive black holes and detect binary neutron stars earlier.
Key responsibilities include:	<ol style="list-style-type: none">1. Requirements definition and management in cooperation with VIRGO engineers2. System configuration management3. Organization and participation in development reviews4. Preparation for "proof of concept" process based on existing hardware platform5. Systems engineering process and management

Profile of candidates/requirements:	<ol style="list-style-type: none"> 1. PhD in electronics 2. Proven track of system engineering processes and management experience in big science projects 3. At least 4 years of experience in at least 2 international projects connected to physics or astronomy 4. Experience in tendering processes 5. Experience in project management 6. Hands on experience with measurement systems at remote locations. 7. Fluent knowledge of English. 8. Creativity, good communication skills, 9. Additional courses in astronomy would be an asset
Required documents:	<ol style="list-style-type: none"> 1. Detailed CV with description of the scientific career and education, as well as proven experience in at least two international projects 2. cover letter 3. At least two recommendation letters 4. Copy of the PhD diploma.
We offer:	<p>Employment at the Astronomical Observatory for 33 months.</p> <p>Work in the international team in collaboration with VIRGO and NIKHEF. Participation in the VIRGO and LIGO collaboration. Possibility to develop own research ideas.</p>
Please submit the following documents to:	tb@astrouw.edu.pl
Application deadline:	January 31 st , 2018
For more details about the position please visit (website/webpage address):	www.astrouw.edu.pl/~tb/TEAM
Euraxess job/stipend offer (in case of PhD and postdoc positions):	

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.”