

ANNEX II - VACANCY NOTICE	
H2020 SME Innovation Associate	
Call identifier INNOSUP-02-2016 deadline 30.06.2016	
Instructions	<p>Please follow the structure of this template when preparing your vacancy notice. It has been designed to ensure that the important elements of the vacancies are presented in a way that will enable the experts to make an effective assessment against the evaluation criteria.</p> <p>Please be aware that, should your proposal be awarded a grant under this call, the envisaged profile (the associate) shall be recruited on the basis of the elements present in this document. This means that during the recruitment phase (from March 2017 onwards), all the essential elements of this vacancies shall be included in the job offer published on EURAXESS and other and other international or globally accessible web-based resources. There will be no possibility for significant changes to content, budget and role of the envisaged profile during grant preparation.</p>
Job Description	
Job Title	Established Researcher in robotics engineering position to work in a great business opportunity
Job Summary (max 1.000 characters)	<p>In this digital age, a change in learning/teaching method is being fuelling by the introduction of Information and Communication Technologies (ICT) and interactive media in schools. Among them, the use of robots with children improves their motivation and learning process by 75%. A notable obstacle to implement robotics in schools is the involvement needed from educators in the generation of contents and experiences, requiring programming skills.</p> <p>Our company has developed TUTOR, a novel Learning Management System for leveraging education based on the use of robots, which allows non-computer skilled users create, manage and transfer learning units for robots.</p> <p>We have detected our potential capabilities to define and design our own educational robot in which run TUTOR, in order to maximize the business opportunity in the innovative Robot-Learning sector. This way, we will develop a fully functional product (LMS software + hardware) that will provide a mechanism for our sustainable growth.</p>
Job Description (max 3.000 characters)	<p>We are InterOnLine, an ambitious technological enterprise specialised in the field of IC-enabled education. We are a multidisciplinary team of managers, pedagogues and software engineers. Once heavily consolidated in the area of eLearning, we are using InteRobotics trademark, for our new flagship product in the coming 5 to 10 years, TUTOR: a user-friendly web system for the creation of educational and therapy contents based on non-conventional forms of interaction, to be supported by all kinds of Robots, and independently of the computer skills of the user.</p> <p>We have detected a business opportunity related to the design and development of our own educational robot as part of our strategy for a faster market uptake of TUTOR. This strategy will enable to bring a product much more specific for education in robotics, by creating a new environment in programming and design, in order to overcome the entry barriers of robotics for learning. This way, we will develop a fully functional product (software + hardware) that will provide a mechanism for our sustainable growth. In order to fulfil this corporate strategy, we aim to, analyse educational standards in robotics in order to optimize educational process and explore our potential capabilities for the design and development of hardware components, in order to develop our own modular robot.</p> <p>In order to fulfil these objectives and activities, we need the incorporation to our company of the following profile:</p> <p>PhD in robotics engineering with the following skills: proficiency writing in C++, Java, Python and Arduino, extensive experience using UNIX/Linux, Apache and Microsoft Windows operating systems, knowledge on LMS systems (Moodle, Sakay) and experience in robotics simulation and 3D modeller software: ARS, Gazebo, Webots</p> <p>Knowledge/experience in educational and pedagogic methodologies: background in research of educational aspects applied to robotics will be required.</p> <p>The PhD will perform a deep study of educational standards applied to robotics for education in our target markets to nurture the generation of contents fitted to these educational systems, as well as define and design the hardware components to be integrated in a computerized model.</p>
N. of positions available under this Grant	1
Contract Duration under the H2020 Innovation Associate Grant	12 months
Main Research Field	Mechanical engineering ▼
Researchers Profile	Established Researcher (R3) ▼
Gross Salary in EURO	5000
Other Benefits	Professional trainings (including fees, travel and accomodation)
Relocation costs	1000
Job Details	
Type of contract	Full time
Working Hours per Week	40
Company	Inter On Line S.L.
Country	Spain ▼

State/Province	Asturias	
City	Avilés	
Postal Code	33400	
Street	Severo Ochoa 21, Parque Quirinal	
Company Details		
Organisation Type	N. of Employees	Turnover or Balance sheet total
▼	< 10	▼ ≤ € 2 m ▼
Company	Inter On Line S.L.	
Country	Spain ▼	
State/Province	Asturias	
City	Avilés	
Postal Code	33400	
Street	Severo Ochoa 21, Parque Quirinal	
Website	www.interonline.es	
Phone	0034 985 525 121	
Mobile Phone (+00.)		
Application Details		
Envisaged job Starting Date	01.09.2017	
Application Deadline	30.04.2017	
How to Apply	Via web	