



## e-GNSS Knowledge Triangle

### CALL FOR EXPRESSION FOR SUPPORTING STUDENTS SPECIALIZING IN NAVIGATION AND RELATED APPLICATIONS

**Co-fund the training of a post graduate student who will get specialized training and work with you for 3 months!**

The scope of the **e-KNOT project** is to **strengthen the interaction between the areas of education-research-industry in Europe** in order to consolidate a strong EGNSS *knowledge triangle* with the final objective of supporting the European economy development. The focus of the e-KnoT project is on the **innovation transfer to industry** and on the support to the **creation of innovative downstream applications**. *More information is on the web-site [www.eknotproject.eu](http://www.eknotproject.eu)*

The objective of this initiative is to ease the creation of links between specialized students in GNSS and companies.

The II Level Specializing Master on Navigation and Related Applications (MNRA) is a joint initiative of Politecnico di Torino and Istituto Superiore Mario Boella (ISMB) with the collaboration of Istituto Elettrotecnico Nazionale Galileo Ferraris (IEN) and the United Nations Office for Outer Space Affairs (UN-OOSA). It is a 1-year programme taught in English aiming at offering an effective answer to the job market demands in terms of high-level technicians who have a thorough knowledge and a broad vision of the navigation/localization world.

The MNRA provides an extensive background in navigation/localization systems as well as a detailed analysis on NAV/COM integration and environmental monitoring applications and a specific training on timing. The courses range from system aspects and receiver technologies (hardware and software design) to innovative applications based on the user position. Courses address a wide range of topics: GPS and Galileo systems, GNSS regulatory aspects, Receiver technologies, Localization in mobile systems and WLAN, Navigation and communication hybridization (GNSS + wireless networks), applications of GNSS in surveys and mapping, Added-value navigation-related services and applications, timing and time scales generation. **A three-month Internship in a company is mandatory for all the students (mid-June to mid-September).**

The 12<sup>th</sup> edition of the Master started in September 2015. More than 150 people from 30 different countries were trained in the past editions of the MNRA. Past students of the Master are currently working at the European and National Space Agencies, top-level companies in GNSS and research institutions.

This public call will select companies that will benefit from this specific **innovation action that allows students to get specialized training and then work within the company for a 3-month Internship.**





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The Specializing Master is an opportunity for the companies to provide specialized training to brilliant graduated students that can cooperate with the company and be potential future employees with a highly qualified expertise in GNSS.

The e-KnoT project will provide the student with a scholarship that will allow her/him to fully cover the tuition fee of the Master (€ 8000).

**Applicant companies will have to commit to financially support the student for her/his 1-year stay in Torino,** (for a minimum amount of € 6000<sup>1</sup>).

Companies are invited to promote the application by potential students following the regular application procedure (<https://didattica.polito.it/master/navigation>). Please note that every applicant student must match the prerequisites specified at <https://didattica.polito.it/master/navigation/>

### How to apply

The call is open to European companies as defined under Horizon 2020, essentially headquartered in the EU or in a H2020 associated country<sup>2</sup>. In order to apply, the companies, through **a unique designated representative, must fill in and sign the Expression of Interest, describing a possible topic of the internship activity to be developed within the company by the specializing master student.** The Expression of Interest (.doc format) can be downloaded [here](#). It has to be submitted sending an email to [mnra@eknotproject.eu](mailto:mnra@eknotproject.eu)

When selected, the companies will be requested to sign a Commitment Letter for the awarding of the financial support. The selection will be done by the **Board of the e-KnoT Project under GSA supervision.** The decision of the Board is irrevocable. All companies participating to the call will be informed of the outcome of selection.

**In order to apply to the call the Expression of interest form for the students' support for the MNRA must be filled in, signed and sent by e-mail to [mnra@eknotproject.eu](mailto:mnra@eknotproject.eu) before**

**April 30, 2016 - midnight (CET)**

**Documents provided later will not be considered.**

For contact info: Prof. Fabio Dovis -- E-mail: [mnra@eknotproject.eu](mailto:mnra@eknotproject.eu)

Tel +39.011.0904175

<sup>1</sup> If not already a company employee, or a contractor

<sup>2</sup> Iceland, Norway, Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Montenegro, Serbia, Turkey, Israel, Moldova, Switzerland, Faroe Islands





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## EXPRESSION OF INTEREST – Support to the participation of a student to the MNRA

### ❖ COMPANY DETAILS

- Name
- Address

### ❖ Contact person details

### ❖ INTERNSHIP TOPIC

- Title

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- Objectives and expected results

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- Terms and modalities of the Internship

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☐ We commit to financially support the selected student (for a minimum amount of € 6000)<sup>3</sup>

For the company – *the signature of an authorized representative of the company is needed*

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Stamp and Signature

<sup>3</sup> unless the candidate student is already a company employee, or a contractor