

Training Opportunity for “Young Graduate Trainees”

Reference	Specialist Area	Duty Station	Closing Date
ESA/YG-ESTEC(2005)050	GNSS Applications	ESTEC (NL)	15 December 2005

Overview of the Division missions

Within the Navigation Department of the Directorate of EU and Industrial Programmes, the Office for Navigation Applications and Users Services is responsible for identifying future navigation applications and user service requirements in consultation with potential users and service providers and carrying out related application developments and demonstrations. The Office also provides support to the promotion of the several Navigation Programmes of the Agency.

Overview of the field of activity proposed

EGNOS started initial operations in July 2005. The launch of an experimental Galileo satellite is planned for the end of 2005 with the development of the Galileo In-Orbit Validation System on-going. Both EGNOS and Galileo are the first European endeavors in the field of satellite navigation systems set to provide large socio-economic benefits and allowing Europe to gain control of these critical infrastructures. EGNOS and Galileo will significantly increase the accuracy and availability of today's systems allowing for the wide-spread introduction of GNSS applications in mass-market applications. Moreover, the liability and service guarantees offered by EGNOS and Galileo services will accelerate the introduction of satellite navigation in safety critical applications, for civil aviation but now also increasingly for rail, waterway and also regulated applications in automotive transport, such as road pricing.

The opportunity given with this training is to assist in the development of EGNOS and Galileo applications with the use in particular of the tools available at the ESTEC Radionavigation laboratory (system and constellation signal simulators, receivers, etc). The work will also include the assistance to the running of the navigation applications office including the navigation applications development help desk answering to queries from application developers.

Required Education

Applicants should have just completed, or be in their final year of a University course at Masters level in a Engineering or physics discipline. Knowledge and/or experience on satellite navigation is desirable.

Candidates must be fluent in English or French, the official languages of the Agency.

How can I apply?

Please fill in the [online](#) application form.

*The YGT Scheme is open to recently qualified young men and women who are nationals of one of the following states:
Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK, or Canada as a Cooperating State, and Hungary and the Czech Republic as European Cooperating States (PECS).*