



**ADVISE OF PUBLIC SELECTION BASED ON QUALIFICATIONS AND INTERVIEW FOR NO. 1 FELLOWSHIP JUNIOR IN THE FIELD OF “DEVELOPMENT OF HIGH PERFORMANCE COMPUTING METHODS FOR MICROSEISMIC DATA PROCESSING” BY THE SCIENTIFIC RESEARCH DIVISION SEISMOLOGICAL RESEARCH CENTER – CRS.**

(General Director Decree n. 150/2015 dd. 12/06/2015)

**Deadline 17<sup>TH</sup> JULY 2015**

**Art. 1 – Description**

The project consists in the adoption of high performance computing (HPC) techniques for the implementation of an innovative method for the automatic recognition and localization of microseismic events with a local seismic network. The expected product consists in a software code for seismic data processing that will allow for a significant increase in the detection capability of local seismic networks in comparison to usual methods.

**Head of the Research (tutor):** Peter Klin OGS

**Field of study:** GEO/10

**Gross amount for the Fellowship:** € 37.500,00

**Duration of contract:** 18 month

**Art. 2 – Requirements**

The requirements for the admission to the public selection, within the deadline, are:

- a) University Degree
- b) Third year Phd registration or biennial activity in any field that implies digital signal processing and scientific computing;
- c) Knowledge of either C or Fortran programming;
- d) Excellent knowledge of the English language.

The candidates with different Italian citizenship must held the following requirements:

- a) Have fully enjoyments of civil and political rights;
- b) To be in possession of the needed requirements for the Italian citizens.
- c) Knowledge of Italian Language

The admission requirements must be fulfilled at the date of this notice of recruitment.

**Art. 3 – Application form**

The application form has to be sent, following the attached A format, within the deadline **17<sup>th</sup> July** only as follow:

- by PEC to [ogs@pec.it](mailto:ogs@pec.it) (Electronic Certified Email - **only from the candidate certified email**) in pdf files.
- by registered mail with notice of delivery to OGS (Istituto Nazionale Di Oceanografia e di Geofisica Sperimentale)  
Direzione per la Gestione delle Risorse Umane  
Ufficio gestione giuridica amministrativa del Personale  
Borgo Grotta Gigante, 42/c - 34010 Sgonico – TS – Italy
- By email to [protocollo@ogs.trieste.it](mailto:protocollo@ogs.trieste.it) ;
- Hand delivery to Segreteria – OGS – Borgo Grotta Gigante 42/c 34010 Sgonico Trieste – from Monday to Friday, from 09.30 am to 12.30 am

For more information:

<http://www.ogs.trieste.it/it/jobopportunities>

email: [ammpersonale@ogs.trieste.it](mailto:ammpersonale@ogs.trieste.it)

ph. 040-2140263 (reception 040-21401)



**All information about the public selection, also the evaluation and interview date, will be published on the website of OGS <http://www.ogs.trieste.it/it/job-opportunities>**

**The publication on OGS website will be a notification.**

The not undersigned application will not be considered and excluded from the selection. The application form by PEC have to be sent within 12.30 pm of deadline.

Under his/her own responsibility, the candidate, in accordance with the DPR 445/2000, must declare the following information:

- personal details, date and place of birth, nationality, residence and contact address for the selection procedure (including the postal code, email, videoconferencing account and telephone number);

- to fulfil all the requirements indicated in art. 2 of this Selection Call, to be aware of all the foreseen limitations and not to fall into any of the incompatibility categories outlined in art. 7 of this Selection Call;

- the University Degree obtained, indicating the date on which it was awarded and the mark;

- a professional-scientific CV demonstrating the skills and ability to conduct the research program described in art. 1 of this Selection Call (the CV must be dated and signed by the applicant)

<http://www.europass.cedefop.eu.int> ;

- the publication list and any additional certificate or qualification that helps demonstrate the merit (the list of qualifications and publications must be signed by the applicant);

- a copy of ID card or other form of identification.

In the application form, applicant with disabilities may require, in accordance with Art. 3 of the Italian Law no.104 of 5.12.1992, the benefits in compliance with Art. 20 of the same act, by including - in original or certified copy - the medical or official disability certification issued by the relevant medical commission or institution in the home country.

#### **Art. 4 – Selection board and evaluation**

The Selection Board is appointed by the General Director of OGS and consists of three members chosen from the OGS researchers including the Tutor of the Research.

The selection is based on qualifications and interview. The interview could be taken on videoconference using google hangout, skype or H323 systems and could be held in Italian or English (on request of candidate).

The assessment criteria are predefined by the Selection Board.

The evaluating titles are:

a) Master/PhD or equivalent title awarded in Italy or abroad;

d) Attendance certificates of postgraduate courses held in Italy or abroad;

e) Documented research activity with public or private enterprises in Italy or abroad in the field of digital signal processing or high performance computing and seismology.

The Committee may make a shortlist of applicants eligible for the interview; in this case interview eligibility depends on obtaining a minimum score which will have been previously fixed by the Committee itself. Candidates with lower scores will not be included in the final ranking list.

The evaluation of the candidate will be based on qualifications and on interview, scientific production and professional CV and on the attitude on research activity .

The list of applicants admitted to the interview and details on date, time and place will be published **at least 20 days prior on the website of OGS.**

Not attending the interview at OGS will be considered as renunciation to the selection procedure.

At the end of the evaluations the examining board will draw up a report, including the evaluation criteria, the total mark obtained by each candidate and a classification list of those considered eligible. The selection is considered as passed if the applicant obtains at least 7/10 or equivalent on the total points decided by the examining board. The judgement of the Commission is final and unappealable. The selection procedure ends with the classification list on the OGS website.

The classification list is approved with Decree of Human Resources Head. The classification list is valid for 18 months from the date of decree of approval.



In case of renunciation of the grant winner, the grant shall be awarded to the next eligible candidate in the ranking list.

#### **Art. 5 – Duration and salary amount**

After budget verification, the OGS General Director, with Decree, bestows the fellowship drawing up the contract that declares the research object and duties of the grant holder.

The fellowship will have a duration of 12 months and its total duration, must be renewed in accordance to the present law. The OGS arranges for insurance coverage for the fellowship holders against accidents in the workplace.

#### **Art. 6 – Rights and Duties of the fellowship holder**

The fellowship holder must carry out the commitments foreseen by the study program, the contract and by the OGS Regulations.

The duties of the fellowship holder specified in the contract should be performed independently and under the supervision of the Tutor, who will monitor the conducted activity.

The study activity of the fellowship-holder is performed under the supervision of tutor, without working time scheduled and on a non subordinated work base.

The fellowship holder must submit to OGS a final research report that includes the obtained results. The report must be approved by the tutor.

The grant is subject to the dispositions of compulsory maternity leave, the provisions of the Decree of the Minister of Labour and Social Welfare July 12, 2007, and art. 1 of Law No. 296/ 2006.

In accordance with national regulations, any temporary contract interruption, due to maternity or sick leave period, is excluded from the above mentioned calculation.

#### **Art. 7 – Incompatibility and non overlapping**

The fellowship is not combined with other type of grant and the grant holder may not attend PhD grant in Italy or abroad.

The grant is not compatible with permanent private or public employ, with the exception of unpaid leave from work.

#### **Art. 8 – Contract resolution and termination**

The fellowship holder who, after having started the planned research activity, does not carry out his/her work regularly and without interruptions for the duration of the grant without producing justified reasons, or lacks repeatedly to fulfil requirements or, according to the evaluation of the tutor, eventually shows evident lack of skill at the planned research activity, will incur termination of the contract and consequent deprivation of the scholarship.

The resolution is adopted by OGS General Director Decree on request of the tutor and on the recommendation of the Director Scientific Research Section.

The fellowship holder, who, due to justified reason, cannot start or continue the research activities planned must submit to the Tutor and the to Head of the Human Resource Office expressly written waiving with a notice of at least 20 days from the date termination of research activity.

The waiver takes effect from the first day of the month following the notification of the waiver.

#### **Art. 9 – Personal data**

In accordance with art 13 of Legislative Decree no.196/2003, personal data, that will be settled by Head of Human Resources Office of OGS, provided by candidates in the application form will be processed for the only purpose of the assignment of the grant and the ensuing relevant procedures.

#### **Art. 11 – Final proceedings**

For matters not covered by this notice selection please refer to Grant and Research Fellowship rules of OGS.

This call for individual grant will be posted on the OGS website and on the European Commission Internet portal-Euraxess.



In accordance to the Law n. 241/1990 art. 5 the Responsible of the Proceedings is the Head of the Human Resources Office.