



Call Nr 310/2009

for applications for 1 Research Fellowship, Department of Aerospace Engineering
(Selection process based on scientific titles and accomplishments)

A selection is open to assign a research fellowship to work on the following project: **“New methods for the simulation of unstable and turbulent flows” within the Piemonte Regional Call on Applied Scientific Research for the year 2004 project E60 - Innovative instazionary methods for the simulation of unstable and turbulent flows on aircraft surfaces.** - Research Field: **Fluid Dynamics, Dynamics of Turbulence, Computational Fluid Mechanics.** - Scientific area: **ING-IND/06: Fluidodinamica.**

Fellowship length: 8 months

Fellowship value: € 12.911,00 (gross amount).

Applicants must fill in the application form and providing the documentation listed in the *General Call for Research Fellowships (Bando Generale per l'attribuzione di assegni per la collaborazione ad attività di ricerca)* - see internet site <http://www.swa.polito.it/services/concorsi/>.

Applications must be submitted by **09.11.2009** and can be delivered personally or sent per mail, courier or fax (Fax Nr. 011/564.5919) to “Servizio Personale e Sviluppo Risorse Umane – INFO POINT – Room 1” (**Office hours 10.00 - 16.00, from Monday to Friday**).

NB: The deadline of 09.11.2009 refers to the date of receipt, not to the posting date.

The selection process will be based on the following titles and accomplishments:

Degree: Degree (subsequent to D.M. 509/1999) in one of the following subjects: 25/S (Aerospace and Astronautics Engineering), 50/S (Math-Physics Modeling for Engineering), 20/S (Physics); Degree (prior to D.M. 509/1999) in Aerospace Engineering, Physics, or equivalent foreign degree.

Required Fields of Qualifications: perturbative theories and numerical simulation methods for the study of unsteady flows (unstable or turbulent).

Curriculum: due to the specific needs of the research project, we require a candidate with a proven research experience in the international context, acquired by a course of Ph.D. A Ph.D. in a subject relevant to Fluid Dynamics is evaluated as preferential title.

Other titles:

The following qualifications will also be evaluated, provided that they are relevant to the required fields:

- PhD (up to 10 points);
- Degree grades (up to 5 points);
- Academic publications (up to 15 points);
- Postgraduate courses in Italy or abroad (up to 10 points);
- Research projects, fellowships or contracts by public or private companies in Italy or abroad, including research done for dissertation or PhD (up to 20 points with a maximum of 4 points per year).

Results will be published on 11.11.2009 at 10.00 (Noticeboard of the Conference Room of the Department of Aerospace Engineering – Politecnico di Torino - C.so Duca degli Abruzzi, 24).

For further details please refer to “Bando generale per l'attribuzione di assegni per la collaborazione ad attività di ricerca”, and “Regolamento per l'attribuzione di assegni per la collaborazione ad attività di ricerca”, both available at: <http://www.swa.polito.it/services/concorsi/>.

Turin, 3rd November 2009

THE MANAGER OF THE DIVISION
(P. VIGLIANI)