



Call Nr384/2009

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

A selection is open to assign a research fellowship to work on the following project: **“Railway application sensors : particular research activity on harvesting with diamagnetic suspension; numerical and experimental study”** - Research Field: **Microsystems for sensors in railway application diagnostic monitoring.** - Scientific area: **ING-IND/14 – Progettazione meccanica e costruzione di macchine.**

Fellowship length: 6 months.

Fellowship value: € 8.850,00 (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 **21.12.2009** 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 21.12.2009 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: 36/S (Mechanics Engineering), 32/S (Electronics engineering); Degree (prior to D.M. 509/1999) in Mechanics Engineering, Electronics Engineering, or equivalent foreign degree (Master of Science in Mechanics; Master of Science in Electronics).

Required Fields of Qualifications: Sensors for vehicle monitoring, Microsystems , diamagnetic suspension, MEMS Mechanical engineering, FEM simulations.

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 22.12.2009 at 9,30 (Noticeboard of the Department of Mechanics – 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, 15th December 2009

**THE MANAGER OF THE DIVISION
(P. VIGLIANI)**