



UNIVERSITA' DEGLI STUDI DELL'INSUBRIA

via Ravasi 2, 21100 Varese

Competition open to qualified candidates for the awarding of 2 scholarships for the following research activities:

SCHOOL OF SCIENCE – VARESE

Title: "Upgrading of wastewater treatment plant for nutrient removal"
Funds: Faculty budget – year 2006 - € 17.723,60, integrated by Department budget – contract: "Varese province waste management plan" - €946,40.
Scientific-disciplinary field: ICAR/03
Duration: 12 months
Contract annual gross amount: € 16.138,00
Structure where the research will be performed: Environment-Health-Safety Dept.
Research Responsible: Prof. Fabio Conti
Required degree:
Master Degree: Environmental Engineering (Italian Class 38/S), Chemical Engineering (27/S), Geology (86/S), Chemical Sciences (62/S), Industrial Biotechnology (8/S) or equivalent master degree in past classes, following Italian Law 5-05-2004.
Further required qualification: Ph. D. in the fields of the above Degrees, specialisation courses about environmental themes, work and/or research experience in the environmental fields.
Topics of the interview: wastewater treatment plants, nutrient removal from wastewater, pollution prevention systems for industrial wastewater.

SCHOOL OF SCIENCE – COMO

Title: "Development of detectors for the measurement of the neutrino mass"
Funds: Faculty Funds 2006 € 13.954,00; Department Funds € 3.000,00; Research Funds CNR "Prati" € 1.044,00; Research Funds SUCIMA "Caccia" € 3.718,00
Scientific-disciplinary field: FIS/04
Duration: 12 months
Contract annual gross amount: € 19.367,00
Structure where the research will be performed: Department of Physics and Mathematics
Research responsible: Prof. Andrea Giuliani
Required degree: Degree in Physics (class 20/S or 25/S) or Specialistic Degree Diploma in Physics equivalent to one of the previous, according to "Decreto interministeriale" 5th May 2004 (published on the "Gazzetta Ufficiale", 21st August 2004 n. 196);
Further required qualification: PhD in Physics or at least 24 months of research activity after Degree in Physics or equivalent.
Topics of the interview: neutrino physics, importance of the neutrino mass scale, discussion on the frontier techniques for the determination of the neutrino mass scale.

Requirements for the admission to the competition:

- A) The candidates must have a Degree in the field mentioned above achieved in an Italian university or an equivalent diploma achieved in a foreign institution;
- B) The candidates must have a professional scientific curriculum suitable to the research activities

The candidates must apply, within 30 days from the publication of this announcement, by sending or handing over the enclosed form, duly filled and signed, to: Università degli Studi dell'Insubria – Archivio Generale d'Ateneo e Ufficio Relazioni con il Pubblico, via Ravasi, 2 – 21100 Varese. The office will be open from Monday to Friday, from 9 a.m. to 12.

The application form must be accompanied by the following documents:

- Professional scientific curriculum;
- Certification of the degree with the indication of the mark achieved for each individual exam and the final mark;



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- Any further document or qualification useful for the competition;
- Publications
- Copy of an Identity Document