



Research and Innovation Centre

Doctoral opportunity – PhD offer		Vacancy Code: 042_AGR_DTE
Job title	Research fellowship to support a PhD on entomology	
Job description	The mating behaviour of grapevine leafhoppers and development of an innovative mating disruption method for <i>Scaphoideus titanus</i> Ball based on vibrational signals.	
Duties / Tasks	Description of the mating behaviour of grapevine insects communicating by means of vibrational signals (VS). Analysis and characterization of natural VS. Creation of synthetic VS able at disrupting <i>S. titanus</i> mating communication. Development of prototypes for laboratory, semi-field and field mating disruption.	
Keywords	Grapevine leafhoppers, vibrational signals, mating behaviour, mating disruption.	
Contract type and lenght	The Mach Foundation is funding a research fellowship to support a PhD program in collaboration with national and international universities. The research project will be carried out at the research centre of the Edmund Mach Foundation with a grant in the frame of a PhD course in internationally recognized Universities. The grant is for three years with a possible extension of one year. Registration costs for the PhD course will be covered by FEM. Requirements for the grant is the admission to a PhD school individuated by FEM within the first year of the fellowship.	
Languages knowledge	Italian basic, good knowledge of English	
IT knowledge	MS Office Pack (or similar) and Audio-Video Software (e.g. Adobe Audition, Pinnacle Studio, Raven).	
Required title to join the selection	Master degree (4 or 5 year)	
Type of title	Biology, Agricultural Sciences and equivalent degrees	
Required experience	Thesis in entomological sciences	
Psychosocial skills	Team work spirit and independence in work	
Tutor	Dr. Valerio Mazzoni	



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Application

To apply for the position the applicants should send a message mentioning the code (042_AGR_DTE) to the email account **risorseumane.centroricerca[AT]iasma.it** including the following items:

1. an up-to-date CV (Please add the following phrase to your CV otherwise your application will not be considered: I consent to the use of my personal data in accordance with the provisions of decree 196/2003);
2. the filled application form available online (042_AGR_DTE_Application);

The deadline for the submission of the applications is the 15th January 2010 – we will accept speculative applications after this date.

Short list candidates

FEM will short-list the applicants. The selected and non selected candidates will be notified. Short-listed candidates will be contacted for a phone interview or invited for interview in San Michele.

Information about Edmund Mach Foundation

The Research Centre of the Edmund Mach Foundation (San Michele all'Adige, Trento, Italy) is one of the most important for horticultural research in Europe. Research includes improvement of crop productions of grapevine and apple. During 2007 the Research Centre obtained the genome sequence of grape and a similar effort in apple is expected to be completed during 2009. Following these achievements, we started an interdisciplinary translational genomics program aimed at the fully exploitation of the knowledge generated by the two genome sequencing projects. The successful candidates will join an already established team of scientists working with state-of-the-art genomic facilities, in an international English-spoken research environment.

Terms and conditions

The grant will be 20.000,00.= Euro / yearly (gross). The student will have the right for the lunch at the Foundation canteen for free. Help will be provided to find accommodation. Registration costs for the PhD course will be covered by FEM.

Equal opportunities

The position is open to both genders, Law n. 903, 9/12/1977, art. 1. The policy and practice of the Edmund Mach Foundation require that all staff are offered equal opportunities within employment.

Data treatment

All data supplied by applicants will be used only for the purposes of determining their suitability for the position and will be held in accordance with the principles of the Personal Data Protection Code, Legislative Decree no. 196 of 30 June 2003. By sending the Cv and application, the candidate consent and authorize the Foundation to the use of his/her personal data.