

Profile 7

PROFILE DESCRIPTION

HOST ORGANIZATION

Inviting Professor (name, e-mail, telephone number)	Diego Arosio diego.ariosio@unimore.it +39 059 205 8511
Inviting Professor Teaching Activity	Corso di Geofisica Applicata nella Laurea Magistrale in Scienze e Tecnologie Geologiche Corso di Geofisica nella Laurea Triennale in Scienze Geologiche
Department	Dipartimento di Scienze Chimiche e Geologiche

VISITING PROFESSOR PROFILE REQUIRED

Scientific Domain	Earth Sciences
Teaching activity to be carry out in the host organization (teaching module and seminars- at least 30 hours)	<ul style="list-style-type: none"> - A teaching module (30 hours) for the course of Applied Geophysics (Geofisica Applicata) about: 1) Electric & Electromagnetic methods 2) Seismic methods - Seminars (8 hours) for the PhD program in models and methods for material and environmental sciences concerning topics regarding Geophysics, Engineering Geology, and Hydrogeology
Master's Degree Course and PhD course where the teaching activity will be carried out	<ul style="list-style-type: none"> - Laurea Magistrale in Scienze e Tecnologie Geologiche - PhD program in models and methods for material and environmental sciences
Relevant skills and competences of the visiting professor	<ul style="list-style-type: none"> - Applied Geophysics (ERT, GPR, seismic refraction, seismic tomography, surface waves, ambient noise, EM) - Finite Element methods applied to geophysical modelling - Site monitoring and time-series analysis - Analysis of landslides and earth dams - Drilling techniques, borehole tests and logging - Geology - Hydrogeology
Proposed length of stay	a.y. 2016/2017 I semester 3 full months