



## Profile 13

### PROFILE DESCRIPTION

#### HOST ORGANIZATION

<b>Inviting Professor</b> (name, e-mail, telephone number)	Radi Enrico email:eradi@unimore.it Ph. nr. 0522-522221
<b>Inviting Professor Teaching Activity</b>	Scienza delle costruzioni (3+6 credits DISMI-RE) Analisi numerica delle strutture (12 credits DIEF-MO)
<b>Department</b>	DISMI (RE)

#### VISITING PROFESSOR PROFILE REQUIRED

<b>Scientific Domain</b> (i.e. Agricultural science, Biological science, chemistry, economics, engineering, juridical science, medical science, etc.)	Engineering
<b>Teaching activity</b> to be carry out in the host organization (teaching module and seminars- at least 30 hours)	<i>Teaching module on Mechanics of composites (30 hrs)</i> The course (20 hrs of lectures +10 hrs of tutoring sessions) should cover fundamental aspects of the mechanics of composite materials and structures. The course is designed for PhD students and graduate students. <i>Graduate seminar on homogenization (4 hrs)</i> The short course covers methods of homogenization in modern micromechanics. The detailed description is enclosed. The course is designed for PhD students and post-doctoral researchers.
<b>Master's Degree Course and PhD course</b> where the teaching activity will be carried out	Ph.D. course in Innovation of Industrial Engineering
<b>Relevant skills and competences of the visiting professor</b>	Mechanics of composite materials, Homogeneization techniques, Elasticity, Computational mechanics
<b>Proposed length of stay</b>	<b>a.y. 2016/2017</b> II semester 3 full months