



## Profile 20

### PROFILE DESCRIPTION

#### HOST ORGANIZATION

<b>Inviting Professor</b> (name, e-mail, telephone number)	Angelo Marcello TARANTINO <a href="mailto:angelomarcello.tarantino@unimore.it">angelomarcello.tarantino@unimore.it</a> Tel: 205 6117
<b>Inviting Professor Teaching Activity</b>	Teoria dell'elasticità (LM) Scienza delle Costruzioni (CL)
<b>Department</b>	Ingegneria "Enzo Ferrari"

#### VISITING PROFESSOR PROFILE REQUIRED

<b>Scientific Domain</b> (i.e. Agricultural science, Biological science, chemistry, economics, engineering, juridical science, medical science, etc.)	Engineering, Applied Mathematics
Teaching activity to be carry out in the host organization (teaching module and seminars- at least 30 hours)	Lectures on Vibrations of thin elastic structures contents Basics of general vibration theory (6 hrs) Vibration of strings and membranes (6 hrs) Vibration of beams (6 hrs) Vibration of thin plates and shells (6 hrs) Fluid structure interaction problems (6 hrs)
<b>Master's Degree Course and PhD course</b> where the teaching activity will be carried out	Laurea in Ingegneria Civile
<b>Relevant skills and competences of the visiting professor</b>	Established scientist in the field of vibrations of continuous media, solid mechanics, asymptotic expansions.
<b>Proposed length of stay</b>	<b>a.y. 2016/2017</b>  I semester 3 full months