



T15005-TRAINEESHIP AT DEPARTMENT OF ENGINEERING AND ARCHITECTURE

TRAINEESHIP INFORMATION	
Department/Office	Department of Engineering and Architecture
Responsible persons for this placement	Prof. Roberto BRIGHENTI Prof. Gabriele TEBALDI
Contact e-mail	internship@unipr.it
Description of activities	<p>Nowadays civil engineering is facing new challenges related to the new global economic situation and with climatic changes. It forces engineers to identify new design techniques and to use high performances materials; it requires more in depth knowledge and new skills and optimization of engineering structures that must be found in a modern and international education program.</p> <p>For the above-mentioned reasons D.I.C.A.T.e A. set an international traineeship program to allow students to do a series of activities to allow the students to apply and to develop their background in the following area:</p> <ul style="list-style-type: none">▪ design and simulations of advanced civil engineering materials,▪ design and analysis of advanced structures▪ design of hydraulic plants▪ design of infrastructures. <p>All these activities are related to ongoing research projects and are composed by theoretical studies and activities in the Department's laboratories.</p>
Working language	English and Italian (B2-CEFR)
Location	Parco Area delle Scienze 181/A
Working hours / week	Timetable will be decided with the students in agreement with the specific project where they will be involved



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Accommodation	The Welcome Office supports students in finding accommodation in Parma Servizio Accoglienza/Welcome Office Università di Parma Vicolo Grossardi 4 43125 Parma – Italy e-mail welcome@unipr.it phone: 0039 0521 904150 / 904632	
Internship grant	No financial contribution. Students must apply for a Grant at their home institution/country.	
COMPETENCES, SKILLS AND EXPERIENCE REQUIREMENTS		
Competences required	Mechanics of materials and structures Hydraulic Infrastructures design (road pavements)	
Degree (Master, PhD, Post Doc)	Master, PhD, Post Doc	
DOCUMENTS REQUIRED Interested students must send by email asap, the following documentation:		
Presentation letter X	Curriculum Vitae X	Academic certificates X
Additional notes The choice of the subject area in which the student will be involved (structure, hydraulic or infrastructures) during his/her stay will be decided on the basis of a preliminary skype interview.		