



V-MUST DEVELOPMENT CAMP: CALL FOR MOBILITY (C4)

University of Santiago de Compostela (Spain) Virtual reconstruction and Human-Computer Interaction

1. Name of the hosting institution	University of Santiago de Compostela (Spain)
2. Brief description of the unit hosting the internship	<p>The Department of Electronics and Computation of the University of Santiago de Compostela has been working in the spreading of cultural heritage by new technologies from 1996.</p> <p>The research group that will host the internships investigates human-computer interaction, virtual reconstruction and computer graphics and their application in real life.</p> <p>The group has developed a range of technologies and has produced numerous very interesting virtual reconstructions of different monuments and traditions, which have been exhibited in the most important museums and universities around Europe.</p>
3. Max number of internships/year	2
4. Areas of host institution's expertise for internship proposals	<ul style="list-style-type: none">• Human-Computer Interaction• Virtual reconstruction• Computer Graphics in real-life contexts
5. Project description <i>Brief description of any specific programme of work that the host wishes the intern to carry out (optional)</i>	Projects will be dependent on the knowledge and background of the intern and the on-going projects of the research group.
6. Benefit to host <i>Areas in which the host wishes to develop expertise through collaboration with an intern (optional)</i>	
7. Internship profile <i>Please indicate the "essential" and "preferred" skills and/or qualifications that applicants should have</i>	<p>The research group welcomes applications in all relevant research areas, but is particularly interested in collaborating with interns who may bring experience and expertise in the application of Human-Computer Interaction and Computer Graphics.</p> <p><i>Essential</i></p> <p>Experience or interest in one or more of the following:</p> <ul style="list-style-type: none">• Human-Computer Interaction• Computer Graphics• 3D modelling of objects and buildings• Multimedia creation• 3D PDF• Web based 3D Multimedia creation• Virtual Reality• Augmented Reality
8. Preferred period <i>Please give the earliest possible start date, and the latest possible</i>	No preferences.

<i>end date for hosting interns</i>	
9. Min/max duration (usually between 12 and 24 weeks)	12 – 24 weeks
10. Accommodation support (where applicable)	Help in finding accommodation at the University's housing or another place
11. Facilities and Supervision <i>Please describe the workspace, equipment, training, supervision hours per week etc. that the host will provide</i>	<p>All hardware and software, internet access and technical permissions necessary to carry out the agreed programme of work will be provided.</p> <p>Overall supervision of the internship programme will be undertaken by Dr. Julian Flores González, who will also ensure that any training in technologies and methods that may be required will be provided.</p>
12. Contact Details of Supervisor. a. Name: b. Address: c. E-mail: d. Telephone:	<p>Dr. Julian Flores González Grupo MAR, Dpto. de Electrónica y Computación Instituto de Investigaciones Tecnológicas Universidad de Santiago de Compostela. 15782 Santiago de Compostela (Spain) Julian.flores@usc.es</p>