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

Visual Dimension bvba (Belgium)
Title: 3D acquisition, modeling and virtual reconstruction

1. Name of the hosting institution	Visual Dimension bvba
2. Brief description of the unit hosting the internship	Visual Dimension has two activity domains: cultural heritage and architecture. The cultural heritage department focuses on implementing innovative digital technologies in cultural heritage, especially in 3D and interactive storytelling systems. This department is active in several European projects (CARARE, V-MusT, Etruscanning, 3D-ICONS) and realises commercial projects in CH in Belgium and Netherlands.
3. Max number of internships/year	1
4. Areas of host institution's expertise for internship proposals	• 3D virtual reconstruction • Free-form 3D modelling • 3D modelling of buildings • 3D digitisation of cultural heritage assets • Storytelling for Cultural Heritage • Multimedia authoring • Virtual Reality authoring • Augmented Reality authoring
5. Project description *Brief description of any specific programme of work that the host wishes the intern to carry out (optional)*	Depending on the available projects and the expertise of the intern: • Virtual reconstruction of historical buildings • Digital restoration of museum objects • Creation of interactive storytelling systems (TimeFrame) • Creation of new content for Augmented Reality systems or Serious Game systems with natural interface for museum applications • Improvement of TimeScope software (interactive storytelling system)
6. Benefit to host *Areas in which the host wishes to develop expertise through collaboration with an intern (optional)*	Free-form modelling, real-time augmented reality, Java development (TimeScope)
7. Internship profile *Please indicate the "essential" and "preferred" skills and/or qualifications that applicants should have*	*Essential:* One or more of the following: • 3D virtual reconstruction • Free-form 3D modelling • 3D modelling of buildings • 3D digitisation of cultural heritage assets *Preferred:* • Storytelling for CH • Serious Games development • Multimedia authoring • Virtual Reality authoring • Augmented Reality authoring • Java development for internet applications

8. Preferred period *Please give the earliest possible start date, and the latest possible end date for hosting interns*	May 2012 - May 2014
9. Min/max duration (usually between 12 and 24 weeks)	12 - 52 weeks
10. Accommodation support (where applicable)	We can help in finding accommodation; studio, apartment or with a host family.
11. Facilities and Supervision *Please describe the workspace, equipment, training, supervision hours per week etc. that the host will provide*	Fully-equipped office available, required equipment and computers available, all required training will be provided on the job. Required supervision (min 3 hours per week) will be provided.
12. Contact Details of Supervisor. **a. Name:** **b. Address:** **c. E-mail:** **d. Telephone:**	 Daniel Pletinckx Lijnwaadmarkt 47, 9700 Ename, Belgium daniel.pletinckx@visualdimension.be +32 55 30 31 06