

# CURRICULUM VITAE

FORMATO EUROPEO/EUROPEAN FORMAT

## INFORMAZIONI PERSONALI/ PERSONAL INFORMATION

Nome, Cognome/Name, Surname	<b>Francesco Gabellone</b>
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Sito web/Website	<a href="http://www.itlab.ibam.cnr.it">www.itlab.ibam.cnr.it</a>
Nazionalità/Nationality	ITALY
Luogo e data di nascita/ Place and Date of birth	Nardò, 03/11/1966

## ESPERIENZA PROFESSIONALE /WORK EXPERIENCE

Researcher at IBAM CNR:	<b>N. MATRICOLA</b> 8673
	<b>QUALIFICA</b> RICERCATORE
	<b>LIVELLO</b> III LIVELLO

## ISTRUZIONE E FORMAZIONE / EDUCATION AND TRAINING

- Graduate in architecture at the University "G. D'Annunzio" of Pescara, Italy on 17/07/1996, study plan: "Protection and recovery of historical and architectural heritage."
- From December 5, 2001 is **Technologist** (Level III) at the CNR IBAM, National Council of Research, Institute for the Archaeological and Monumental Heritage, in Lecce - Italy
- Since 2003, is **adjunct professor** in 'Digital Restoration' in the course of Conservation and Restoration - Academy of Fine Arts, in Lecce.
- From December 1, 2008 is **Researcher** (Level III) at the CNR IBAM, National Council of Research, Institute for the Archaeological and Monumental Heritage, in Lecce - Italy

*Afferent disciplines: Macroarea M, Science, Technology and enhancement of Cultural Heritage. M.1.3: Technologies for the assessment, enhancement and fruition of Cultural Heritage.*

## ATTIVITA' DI RICERCA / RESEARCH ACTIVITIES

### Attuali campi di ricerca / Research sectors

My main research activity is aimed at **knowledge, enhancement and enjoyment** of Cultural Heritage through the use of information technologies, within the following thematic lines:

1. Development of on-line and off-line platforms for the distance visiting of Cultural Heritage (Virtual Museums, Virtual Reality, Augmented Reality);
2. Three-dimensional modeling and implementation of new rendering algorithms for the reconstructive study of ancient buildings and ancient landscape;
3. Survey and representation of cultural heritage with the use of direct and indirect methods (Photo-modeling, Digital Photogrammetry, Laser scanning);
4. Video and DVD authoring, for the communication of Cultural Heritage

### Recenti attività scientifiche/ Recent Scientific Activities.

- **Reviewer** of the International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC, <http://www.iis2010.org/imcic/Website/AdditionalReviewers.asp?vc=26>
- **Reviewer** of the ISI Elsevier - Journal of Cultural Heritage
- **Program Committee member** of the International Conference on Computational Science and its Applications, ICCSA <http://2009.iccsa.org/ICCSA2010/ICCSA2010/committees>
- **Member** of International Forum of Virtual Archaeology, <http://www.arqueologiavirtual.com/>
- **Invited speaker** at 2012 international Congress Arqueologica 2.0, Sevilla, Spain
- **Winner** of ROME DOCSCIENT 2011, first prize "Best scientific documentary 2011", with the movie "Il Plancton" CNR IBAM-IAMC, Progetto ICT-E3 Regione Siciliana.
- **Associate Membership** of V-MUST project (Virtual Museum Transnational Network), FP7 ICT NoE
- **Scientific responsible** for the IBAM National Research Council and a **member** of the Osservatorio Provinciale Paesaggio Architettura Arte Salento.
- **Best Video award** with the movie "Terracina: The Sanctuary of Jupi-ter Anxur" at the 17th International Conference on Cultural Heritage and New Technologies, Vienna, Austria 5th-7th November, 2012, Wien Rathaus, Wappensaal.
- **Member** of the Scientific Committee of ArcheoFOSS 2013 - Free Library and Open Source Software and Open Format in the process of archaeological research. Conference organized by the Image Processing Lab at the University of Catania.
- **Member** of the **editorial board** of Scires-IT, Journal of Scientific Research and Information Technology (Scientific Research and Technology Institute); <http://caspur-ciberpublishing.it/index.php/scires-it>.
- **Special Jury Mention** in the category scientific research and technological innovation. Motivation "effective interpretation of the scientific message", in the competition "The Plancton" and "Dolphins", CNR-IAMC IBAM. Sea Heritage Best Communication Campaign Award, 2012.
- **Invited speaker** at the Center for Earth Observation and Digital Earth (CEODE) of the Chinese Academy of Sciences (CAS), lecture titled: New advances in Virtual Archaeology: technologies, methodologies and case histories in the communication issues.
- **International Program Committee member** of the International Conference "Digital Heritage 2013" Marseille, France, between 28 October and 1 November 2013

### Pubblicazioni/ Books and Articles

- F. Gabellone, Metodologie integrate per lo studio ricostruttivo e la conoscenza del-lo stato attuale dei Beni Culturali, In: Il dialogo dei Saperi, metodologie integrate per i Beni Culturali, a cura di F. D'Andria, D. Malfitana, N. Masini, G. Scardozzi, Edizioni Scientifiche, 2010, pp 495-516

- F. Gabellone, Contesti antichi e realtà virtuale:dallo studio ricostruttivo alla co-struzione di modelli di conoscenza, In: Il dialogo dei Saperi, metodologie integrate per i Beni Culturali, a cura di F. D'Andria, D. Malfitana, N. Masini, G. Scardozi, Edizioni Scientifiche, 2010, pp 517-528
  
- F. Gabellone, M. Limoncelli, Conoscenza, valorizzazione e fruizione degli inse-diamenti rupestri: le chiese di S. Maria delle croci a Matera e S. Antonio Abate a Nardò (LE), IV convegno Interazionale sulla Civiltà Rupestre, Fondazione San Domenico, Fasano 26-28 Novembre 2010, CISAM, Spoleto 2011, pp 410-420.
  
- F. Masino, G. Sobrà, F. Gabellone, M. Limoncelli, Researches on the theatre at Hierapolis in Phrygia: an integrated approach, International Conference: Von Handaufmaß bis High Tech, Brandenburgische Technische Universität, Cottbus, in HEINE K., RHEIDT K., HENZE F., RIEDEL A. (edd.) Von Handaufmaß bis High Tech III. 3D in der historischen Bauforschung, Darmstadt/Mainz, 72-78.
  
- F. F. Gabellone, I. Ferrari, F. Giuri, M. Limoncelli, Virtual Hierapolis: tra tecni-cismo e realismo, Arqueológica 2.0, II Congreso Internacional de Arqueología e Infor-mática Gráfica, Patrimonio e Innovación, Sevilla, 16-19 Junio 2010, Congress CD-Rom proceedings. ISBN 978-84-694-4361-3
  
- F. Gabellone, In A.A.V.V. I giorni dell'Aquila, La ricognizione sul campo, il monito-raggio e la diagnostica applicate ai Beni Culturali in area di crisi: l'esperienza de L'Aquila fra intervento diretto e proposte per il futuro, volume VVFF sulle attività scientifiche di monitoraggio e diagnostica nelle aree colpite dal sisma, Pacini Editore, 2010, pp. 202-221
  
- F. Gabellone, G. Scardozi, The reconstruction of the urban landscape of an ancient metropolis in Asia Minor: integration of 2D and 3D technologies and methodologies in Hierapolis of Phrygia (Turkey), XV International Congress " Cultural Heritage and New Technologies", November 2010, Vienna, City Hall, [http://www.stadtarchaeologie.at/?page\\_id=4268](http://www.stadtarchaeologie.at/?page_id=4268), free book on-line.
  
- F. Gabellone, *The reconstructive study in archaeology: case histories in the communication issues*, CASPUR-CIBER Publishing SCIRES-IT, SCientific RESearch and Information Technology, Volume 1, Issue 1 (2011), ISSN 2239-4303  
<http://www.caspur-ciberpublishing.it/index.php/scires-it/article/view/79>
  
- F. Gabellone, *Virtual Abriola: a project for the distance viewing of the works of Giovanni and Girolamo Todisco*, XXIIIrd International CIPA Symposium, Prague, Czech Republic, September 12 - 16, 2011, Conference proceedings, Editor KAREL PAVELKA ISBN 978-80-01-04885-6  
<http://www.cipa2011.cz/cipa/proceedings/index.htm>
  
- F. Gabellone, I. Ferrari, F. Giuri, *A quick method for the texture mapping of meshes acquired by laser scanner*, XXIIIrd International CIPA Symposium, Prague, Czech Republic, September 12 - 16, 2011, conference proceedings, successfully peer reviewed paper, Editor KAREL PAVELKA ISBN 978-80-01-04885-6, <http://www.cipa2011.cz/cipa/proceedings/index.htm>.
  
- F. Gabellone, *La ricostruzione di ecosistemi marini del Mediterraneo in un progetto di comunicazione scientifica interdisciplinare*, CASPUR CIBER Publishing SCIRES-IT, SCientific RESearch and Information Technology, (2011), ISSN 2239-4303 <http://www.caspur-ciberpublishing.it/index.php/scires-it/article/view/86>
  
- F. Gabellone, *Il Santuario di Jupiter Anxur a Terracina, studio ricostruttivo tipologico come ausilio per la visita in situ*, Arqueológica 2.0, IV Congreso Internacional de Arqueología e Informática Gráfica, Patrimonio

e Innovación, Sevilla, 20-22 Junio 2012, Congress CD-Rom proceedings. IN PRINT

- A. De Siena, F. Gabellone, *Discovering ancient Metapontum: technologies and methodologies from past to present for a virtual visit proposal*, XVII International Congress " Cultural Heritage and New Technologies", November 2012, Vienna, City Hall. IN PRINT

- F. Gabellone, E. Gherardi, G. Leucci, N. Masini, R. Persico, G. Quarta, 2011. *A multidisciplinary ndt work related to the restoration project of the crypt of the holy spirit in Monopoli (southern Italy)*. Proceedings del 5th International Congress "Science and Technology for the Safeguard of Cultural Heritage in the Mediterranean Basin" Istanbul, Turkey 22nd - 25th November 2011.

- F. Gabellone, *La trasparenza scientifica in archeologia virtuale. Una lettura critica al Principio N.7 della Carta di Siviglia*, CASPUR CIBER Publishing SCIRES-IT, SCientific RESearch and Information Technology, (2012), ISSN 2239-4303, DOI Code: 10.2423/i22394303v2n2p99  
<http://caspur-ciberpublishing.it/index.php/scires-it/issue/current>

ISI- F. Gabellone, *Ancient contexts and Virtual Reality: From reconstructive study to the construction of knowledge models*, Journal of Cultural Heritage, Journal number 9069, Elsevier B.V., 2009.

ISI- F. Gabellone, I. Ferrari, F. Giuri, M. Limoncelli, *Virtual Hierapolis: tra tecnicismo e realismo*, Issue 3 of the International Journal Virtual Archaeology Review (VAR), [http://varjournal.es/doc/varj02\\_003\\_07.pdf](http://varjournal.es/doc/varj02_003_07.pdf), ISSN 1989-9947, 2011

ISI- F. Gabellone, I. Ferrari, F. Giuri, *A quick method for the texture mapping of meshes acquired by laser scanner*, Journal of Geoinformatics FCE CTU 2012 Volume 9, Faculty of Civil Engineering, Czech Technical University in Prague, Editor in Chief: Aleš Cepek, ISSN 1802-2669

ISI- F. Gabellone, G. Leucci, N. Masini, R. Persico, G. Quarta, F. Grasso, *Nondestructive Prospecting and virtual reproduction of the chapel of the Holy Spirit in Lecce, Italy*, in print on Near Surface Geophysics, february 2013.

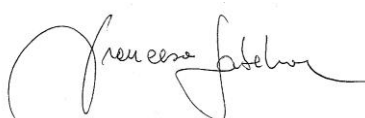
**TRATTAMENTO DEI DATI  
PERSONALI, INFORMATIVA E  
CONSENSO**

Il D.Lgs. 30/6/2003, n. 196 "Codice in materia di protezione dei dati personali" regola il trattamento dei dati personali, con particolare riferimento alla riservatezza, all'identità personale e al diritto di protezione dei dati personali; l'interessato deve essere previamente informato del trattamento .

La norma in considerazione intende come "trattamento" qualunque operazione o complesso di operazioni concernenti la raccolta, la registrazione, l'organizzazione, la conservazione, la consultazione, l'elaborazione, la modifica, la selezione, l'estrazione, il raffronto, l'utilizzo, l'interconnessione, il blocco, la comunicazione, la diffusione, la cancellazione e la distruzione di dati, anche se non registrati in una banca dati.

In relazione a quanto riportato, autorizzo il CNR al trattamento dei dati contenuti nel presente curriculum vitae e nella documentazione della quale fa parte integrante

( barrare la casella)       **Si, acconsento**



Lecce, 16 Sept 2013