About the Contributors

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Giuseppe Fallacara is an architect and researcher at the Department of Civil Engineering and Architecture at the Polytechnic of Bari. In the same faculty teaches Architectural Design and History of Stereotomy and follows numerous dissertations about the updating of stone architecture. He is a visiting professor in several schools of architecture and research associate at the GSA laboratory -Parma Malaguti. Since 2005 he has carried out experiments in stereotomy with the creation of construction stone elements. Some examples: Escalier Ridolfi, an entry portal for the Venice Biennale (a variation of the Abeille vault), Alexandros obelisk, pre-stressed stone arch built in Brignoles, Toulon (France), arch leaf in Parabita, Lecce (Italy), free-standing stereotomic wall hangings, etc.

Federico Fallavollita, Architect, is associate professor at the Department of Architecture of University of Bologna. In 2008 he obtained a PhD in Sciences of Representation and Survey at the Department of History, Design and Restoration of Architecture at Sapienza University of Rome with a thesis entitled: Ruled Surfaces and Developable Surfaces, a Reading through the Virtual Laboratory. He deals with the issues of representation and survey of architecture. In particular, he is interested in renewal of descriptive geometry through informatics tools. He has participated in many seminars and international conferences presenting several memoirs, including The extension of the Problem of Apollonius in space and L’Ecole Polytechnique (in Ikhnos, 2008) and The construction of the main axes of quadric surfaces (in Disegnare, 2013). Currently he is involved in the research team coordinated by Marco Gaiani on the implementation of computer tools for the study and visualization of architecture at the Department of Architecture in Bologna.
Marco Filippucci (Rome, 29 June 1979) graduated in Civil Engineering at the University of Perugia. PhD in Representation and Survey of Architecture and Environment at the “Sapienza” University of Rome awarded in 2012 by UID Italian Union of Drawing. He is author of several papers and since 2006, he is collaborating with the University of Perugia, mainly dealing with the issues of representation, survey and analysis of architecture.

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José Teodoro Garfella graduated at Universidad Politécnica de Valencia (Spain) in Technical Architecture in 1991, Master in heritage conservation in 2008, Architect Degree in 2010 and Technical Architecture Degree in 2013. From 2000 he works as Technical Architect and Architect in municipality of Vilarreal and as a public servant since 2001. He works also since 2005 at Universitat Jaume I of Castellón, Spain in the Department of Industrial Systems Engineering and Design at the Bachelor’s Degree in Technical Architecture and at Bachelor’s Degree in Agrifood and Rural Engineering. Author of more than 30 scientific publications in journals and at international conferences on architectural heritage and graphics uprisings. Member of the research group Architectural Heritage study and “PYDEC -Landscape design and collective spaces and architectural study group of heritage” at the University Jaume I, he has participated in the research project “Methodologies and techniques applied to architectural research of Mediterranean Gothic” and “Case study Groined vaults in the Valencian Gothic: Virtual recreation from geometric-constructive study for dissemination in communication networks” (2011-14). He has
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Luigi Nasini graduated in Agricultural Sciences in April 2000 at the University of Perugia and in 2001 he entered the Order of Doctors of Agronomy Forestry of the province of Perugia. In 2001 he received his Master (organized by the Region of Umbria) in stabilization and conservation of historic centers in unstable territories and in January 2004 he received the title of Doctor of Philosophy in Arboriculture and Plant Protection. Since 2005 carries out post-doctoral research in the field of arboriculture in the Department of Agricultural and Environmental Science, University of Perugia, as a contractor, fellow and research fellow. In the academic year 2011/2012 has earned 60 credits, by successfully completing the Master International Olive and olive oil extraction. The research activity is documented by 67 scientific papers published in proceedings of conferences, national and international journals and books, addressing the following issues:-physiological aspects related to production processes, with reference light interception, the ratio source / sink and heat stress conditions, water and shade, depending on the quality and quantity of fruit production and olive;-efficiency improvement of cropping systems, with reference to the influence of cultural practices on fruit-bearing cycle and acquisition character quality of fruit production and olive - fruit ripening, mechanical harvesting and quality in olive oil, olive mill waste-disposal on agricultural land;-composting of organic matrices for the production of high quality compost. He worked as organization and coordination within the international research projects, national and regional. He is co-advisor of 20 Theses, a PhD thesis and 4 Master’s thesis in Olive and olive oil extraction. Good knowledge of the English language.

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