

PERSONAL INFORMATION

Piumatti, Paolo

ORCID: orcid.org/0000-0001-8410-6723

Date of birth:

Nationality: Italy

EDUCATION

1998 **Master Degree** in Building Engineering Politecnico di Torino, Italy.

2002 **PhD** in Drawing and Survey for the Conservation of Building and Territorial Heritage, Università di Roma "La Sapienza".

CURRENT POSITION

2014 – now **Associate Professor**

Department of Architecture and Design/ Politecnico di Torino, Italy.

PREVIOUS POSITIONS

2007-2014 **Assistant professor** at Politecnico di Torino - Department of Structural, Geotechnical and Building Engineering.

2006-2007 **Free-lance researcher with grants for two research projects** at Politecnico di Torino - Department of Structural, Geotechnical and Building Engineering. Subject: Graphical models and information systems for the management of urban transformation of historical cities and Survey and historical study of market-places in Piedmont.

2002-2006 **Research Fellow** at Politecnico di Torino - Department of Engineering of Construction and Territorial Systems.

INTERNATIONAL VISITING SCHOLARSHIP

2017 – 2018 **Visiting Scholar at UCLA-University of California Los Angeles**, Cotsen Institute of Archaeology

INSTITUTIONAL RESPONSIBILITIES

2020 – now **Scientific Director of Multimedia Lab**. Multimedia Lab is the Laboratory of Department of Architecture and Design devoted to digital visualization (3D modelling and rendering) and communication (photography, cinema, multimedia and Web): http://www.dad.polito.it/il_dipartimento/laboratori_e_centri/laboratori/area_della_virtualita_della_comunicazione_multimediale_e_dei_modelli_reali/make_lab_arch_design_laboratorio_interdipartimentale/multimedialab.

2018 -now **Scientific Responsible and Tutor for Erasmus+** programs and outgoing students between Dept. of Architecture and Design/ Politecnico di Torino and Germany, Belgium and Spain.

TEACHING ACTIVITIES

2014 – now, **Professor in charge** of the following courses at Politecnico di Torino:

- New technologies for survey and drawing (Master of Science in Architecture For The Sustainability Design);
- GIS and 3D for cultural heritage (Master of Science in Architecture Heritage Preservation And Enhancement);
- Architectural Drawing and Survey Laboratory (Bachelor in Architecture).

2002-2014 **Lecturer** of several courses at Politecnico di Milano, University of Brescia, Politecnico di Torino.

COMMISSIONS OF TRUST

- 2014 – now Referee for the UID International conferences
- 2019 Organization and Scientific Committee of of the 2nd Workshop Digital & Documentation vol. 2 - Politecnico di Torino, (June, 2019)
- 2013-2014 Referee for the Italian Ministry of Education, Universities, and Research (MIUR) for the evaluation of FIRB (Fund for investment in basic research) research projects.
- 2012 Member of the Scientific Committee and referee of the 14th International Conference on Computing in Civil and Building Engineering – ICCCBE, Moscow.

ORGANISATION OF SCIENTIFIC MEETINGS

- 2015 Participation in the organization of the conference Drawing & City – Culture, Art, Science and Information. XII Congress of UID – Unione Italiana Disegno and XXXVII International Congress of Representation teachers – Conference, 250 participants, Politecnico di Torino.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- From 2002 - UID (Unione Italiana Disegno) Membership
- From 2017 to 2018 CAA /Computer Applications and quantitative methods in Archaeology) Membership

PARTICIPATION IN INTERNATIONAL AND NATIONAL RESEARCH PROGRAMS

- 2018-2019 B.A.C.K. TO T.H.E. F.U.T.U.R.E. - BIM Acquisition as Cultural Key TO Transfer Heritage of ancient Egypt For many Uses To many Users REplayed, project of the pilot initiative “Create a network around your research idea”, funded by Politecnico di Torino and Compagnia di San Paolo.
- 2017-2018 Cultural heritage in context: Digital technologies for Humanities, Joint Project for the Internationalization of Research project funded by Politecnico di Torino; Partner University: UCLA University of Los Angeles California, Cotsen Institute of Archaeology.
- 2013-2016 DIMMER - District Information Modeling and Management for Energy Reduction, collaborative project funded by the European Commission (http://cordis.europa.eu/project/rcn/110900_en.html)
- 2012-2015 Alpstone, Interregional Project between Italy and Switzerland (<http://www.alpstone.eu/>)
- 2012-2014 Research Project of National Interest (<https://www.researchitaly.it/en/researching/funding/programmes/research-projects-of-national-interest/>) ID 20104TA4Y8. Subject: Modeling and data management for the existing building heritage.
- 2010-2013 SEEMPubS - Smart Energy Efficient Middleware for Public Spaces, collaborative project funded by the European Commission (http://cordis.europa.eu/project/rcn/95583_en.html)
- 2003-2005 Research Project of National Interest ID 2002087357. Subject: urban survey of complex systems: a new protocol for an Information System for the documentation and management of cities.
- 2001-2003 Research Project of National Interest ID MM08268159-002. Subject: the arcades in the historical cities of Piedmont: information systems and data management for their conservation and development.