

Curriculum vitae of Enrico Puppo (June 2014)

Born 18 January 1962 in Genova (Italy)

Title: *Laurea* in Mathematics, University of Genova, 1986

Professional experience:

- From April 1987 to November 1988 *research assistant* at the Institute for Applied Mathematics of the Italian National Research Council (CNR)
- From December 1988 *research scientist* (tenure) at the Institute for Applied Mathematics of the CNR
- In the listed periods: 7-12/1989, 9-11/1990, 6/1991, 11-12/1992, *visiting research scientist* at the Center for Automation Research - University of Maryland at College Park
- From November 1998 to October 2000 *associate professor* at the Department of Computer and Information Sciences of the University of Genova
- Since November 2000 *professor* at the Department of Computer and Information Sciences of the University of Genova
- From November 2003 to October 2006 *president* of the Curriculum of Computer Science of the University of Genova
- Since November 2005 member of the Executive Committee and Governing Board of the Institute for Advanced Studies in Information and Communication Technologies (ISICT)
- From 2010 to 2012 *deputy director* of the Department of Computer and Information Sciences of the University of Genova
- From 2012 *delegate of the director for the School of Sciences* of the Department of Computer Science, Bio-engineering, Robotics and System Engineering of the University of Genova

Research activity:

- Main research interests: geometric modeling, geometry processing, multi-resolution and multi-scale structures; applications to: computer graphics, GIS, CAD, scientific visualization, and image processing.
- During 1995 - 2001: head of unit in three Coordinate research projects of the Italian National Research Council (CNR)
- During 2001 - 2004: head of unit in a European Project (V FP)
- During 2002 - 2003: head of unit in a project of the Italian Space Agency (ASI)
- During 2004 - 2005: head of unit in a project of the Italian Ministry of Education and University (PRIN 2003)
- During 1985 - 2009: participation in other eight international, and ten national research projects.
- About one hundred and twenty scientific publications in international journals, books, and conference proceedings (h-index:30, g-index:59).

Editorial activity:

- Secretary of the *Eurographics Association - Italian Chapter* - 2008-2012
- Member of the Editorial Board: *Geoinformatica - An International Journal on Advances of Computer Science for Geographic Information Systems* (Springer)
- Member of the Editorial Board: *Research Monographs in Geographical Information Systems* (Taylor & Francis)
- General Chairman: *8th Eurographics Italian Chapter Conference* - 2010
- Program Chairman: *Eurographics 2012 - Short papers, Eurographics 2015 - Posters, International Conference on Image Analysis and Processing 2015*
- Scientific Coordinator: *8th International Conference on Image Analysis and Processing* - 1995
- Member of the scientific committee in the following international conferences: *Conference on Spatial Information Theory COSIT95, COSIT97, 7th International Symposium on Spatial Data Handling, 13th and 19th IAPR/IEEE International Conference on Pattern Recognition, EUROGRAPHICS '99, International Conference on Shape Modelling and Applications SMI2001, Eleventh ACM Symposium on Solid and Physical Modeling (2006), Fourth International Conference on Geographic Information Science (2006), International Conference on Computer Graphics Theory and Applications GRAPP06, GRAPP07, GRAPP08, GRAPP09, GRAPP10, GRAPP11, GRAPP12, International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision WSCG06, WSCG07, WSCG08, WSCG09, WSCG10, WSCG11, WSCG12 Eurographics 2013 - Short papers Computer Graphics International 2013 Eurographics/SIGGRAPH Symposium on Geometry Processing 2013*
- Reviewer for the following international journals: *Communications of the ACM, IEEE Transactions on Image Processing, IEEE Transactions on Industrial Informatics, IEEE Transactions on Knowledge and Data Engineering, IEEE Transactions on Pattern Analysis and Machine Intelligence, IEEE Transactions on Systems, Man and Cybernetics, IEEE Transactions on Visualization and Computer Graphics, Computer Aided Design* (Elsevier), *Computer Aided Geometric Design* (Elsevier), *Computer & Graphics* (Pergamon Press), *Computer Graphics Forum* (North-Holland), *Computer Vision and Image Understanding* (Academic Press), *International Journal of Computer Vision* (Springer) *International Journal of Digital Multimedia Broadcasting* (Hindawi) *International Journal of Geographical Information Systems* (Taylor & Francis), *International Journal of Shape Modeling* (World Scientific) *Journal of Computing and Cultural Heritage* (ACM) *Pattern Analysis and Applications Journal* (Springer) *The Visual Computer* (Springer)
- Reviewer for about sixty international books and conferences, among which different editions of ACM SIGGRAPH, ACM Symposium on Solid and Physical Modeling, IEEE Visualization, Eurographics, etc.

Teaching activity:

- Undergraduate courses (University of Genova - Computer Science): Programming (2001-02), Algorithms and data structures (1999-2003, 2008-2010), Interactive computer graphics (2002-2010), Introduction to programming (2010-present)
- Graduate courses (University of Genova - Computer Science): Computer graphics (1990-2002), Geometric algorithms (2003-2010), Computer graphics (2011-2013)
- Doctorate courses Geometric Modeling (1994-95 - University of Genova - Computer Science), Computer Graphics (1995-96, University of Pisa - Computer Science), Medical Imaging (1996-97, University of Genova - Physics), Computer graphics (1999, Scuola Nazionale di Dottorato di Bertinoro), Multi-resolution Geometric Modeling (2003, Scuola Nazionale di Dottorato di Bertinoro)

- Others: lecturer in the *International Post-Graduate Course on Geographic Information Systems* (1994, San Miniato - Pisa, Italy); lecturer in the *National School on Machine Vision* (1996, Fermo - Ascoli Piceno, Italy), Level-of-detail in mesh-based representations (Computational Methods for Shape Modelling and Analysis, 2004, Genova).