

Gloria Menegaz

PERSONAL INFORMATION

Address	Via dei Mille 7/A, I-37126 Verona
Professional address	Dept. of Computer Science University of Verona, Italy

CURRENT POSITION

Since 2017	Full Professor at the Dept. of Computer Science, Università degli Studi di Verona, Italy
Since 2014	Director of the Doctoral School of Natural and Engineering Sciences

QUALIFICATIONS

1/2015	Qualification as Full Professor in Computer Science (Abilitazione Scientifica Nazionale, Prima fascia, SSD 01/B1, Informatica)
2008, 2012	Qualification à Professeur des Universités, France, Section 27 – Computer Science. This corresponds to Professore Ordinario according to the conversion table “Comparaison des carrières des enseignants chercheurs des pays étrangers, arrêté du 10 février 2011”

DEGREES

7/2000	PhD (Docteur ès Sciences Techniques), Signal Processing Lab. (ITS), EPFL, Lausanne, Switzerland. Thesis Director: Prof. Murat Kunt. Thesis: Model-based coding of multi-dimensional data with applications to Medical Imaging
9/1994-7/1995	Master in Information Technology, CEFRIEL-Politecnico di Milano, Italy. MSc thesis title: A Prototype Waveform Interpolation low-bitrate speech codec.
7/1993	MSc in Electronic Engineering, Politecnico di Milano, 100/100. MSc thesis: Design and characterization of single photon avalanche diodes for time-resolved photoluminescence

CAREER

2007-2017	Associate Professor (tenure 10/2010), Dept. of Computer Science, University of Verona, Italy.
3/2004-2/2007	Adjunct Professor, Dept. of Information Engineering, University of Siena, Italy. Funding from the Italian Ministry for University and Research (MIUR) (DM 20/03/2003 n. 501, Rientro dei Cervelli - Brain Drain initiative).
12/2002-2/2004	Assistant Professor (Maître Assistante), Dept. of Computer Science, University of Fribourg, Switzerland

10/2000-10/2002	First research assistant, Audiovisual Communications Lab. (LCAV), School of Computer and Communications Sciences (I&C), EPFL, Lausanne, Switzerland
05/2000-09/2000	post-doc, Biomedical Imaging Group (BIG), Department of Applied Optics (IOA), EPFL, Lausanne, Switzerland
9/1995-07/2000	Research Assistant, Signal Processing Lab. (LTS). Department of Electrical Engineering (DE), EPFL, Lausanne, Switzerland
9/1995-09/1996	Research Assistant, CEFRIEL-Politecnico di Milano, Milan, Italy
07/1993-09/1995	Stage, Physics Institute, Dept. of Electronics, Politecnico di Milano, Italy

INSTITUTIONAL RESPONSABILITIES

Since 06/2016	Member of the Quality Assurance Committee of the PhD courses for the Doctoral School of Natural and Engineering Sciences
Since 10/2015	President of the Scientific Committee of the Doctoral School of Natural and Engineering Sciences
Since 7/2014	Director of the Doctoral School of Natural and Engineering Sciences
Since 7/2014	President of the Council of the Doctoral School in Natural and Engineering Sciences
3-7/10/2015	Member of the Evaluation Committee for the applications to the Board of Directors (Consiglio di Amministrazione) of the University of Verona, appointed by the Academic Senate
Since 10/2015	Department representative and Department Director's delegate for the National Conference of the Presidents and Directors of the Science and Technology Academic Institutions (ConScienze)
2012-2014	Deputy Director of the Doctoral School of Science, Engineering and Medicine
6/2013-12/2014	Referent for the quality evaluation committee (AVA) for the Course of Bioinformatics (LM31)
Since 12/2013	Member of the Committee for the Approval of Biomedical Research on Humans (C.A.R.U.) (appointed by the Academic Senate on Dec. 3, 2013)
2012-2014	Member of the Collegio di Disciplina of the Academic Senate
2010-2012	Representative of the Associate Professors at the Academic Senate
2010-2012	Member of the research evaluation Committee of the Academic Senate
2009-2012	Department representative at the Council of the Doctoral School in Science, Engineering and Medicine
2010-2011	Member of the Committee for Research Guidance and Evaluation of the Italian Ministry of University and Research (Comitato di Indirizzo per la Valutazione della Ricerca, CIVR) for Computer Science (INF01)
Since 2007	Member of the Doctoral committee in Computer Science (Collegio Docenti del Dottorato in Informatica)

Since 2007	Member of the Departmental council (Consiglio di Dipartimento di Informatica)
2007-2012	Member of the Faculty council (Consiglio di Facoltà di Scienze) for MM. FF. e NN. Sciences
2009	Member of the commission for the design of the Master course in Bioinformatics and Medical Biotechnologies (laurea Magistrale in Bioinformatica e Biotechnologie Mediche, LM9)
2009, 2015	Member of the admission committee for the PhD course in Computer Science (Corso di dottorato in Informatica, XXV ciclo, 2009, XXXI ciclo, 2015)
2010-2012	Member of the commission for the students' related matters (Commissione pratiche studenti)
Since 2007	Member of the Teaching committee of the MSc courses in Engineering and Computer Science (LM32) (since 2007) and Bioinformatics and Medical Biotechnologies (LM9) (since 2010), and of the BSc courses in Bioinformatics and Computer Science

PHD THESIS DIRECTION AND MENTORING

She is currently leading a group consisting of 3 post-docs and 3 PhD students.

Total: 8 PhD students; 6 post-docs; 1 research Engineer; 24 MSc students: 12 at the University of Verona, 7 at the University of Siena (2005-2009), 5 at the Swiss Federal Institute of Technology (EPFL, LTS and LCAV, 2000-2003), 1 co-tutoring with the Universitat Autònoma de Barcelona, degree in Computer science (2011); 12 BSc students at the University of Verona, 7 PhD internal commissions of students with other tutors.

POST-DOCS

01/02/2016-31/01/2017	Mauro Zucchelli, PhD in Computer Science. Topic: Brain microstructure modeling based on diffusion MRI.
1/4/2014-31/11/2016	Silvia Storti, PhD in Neurological and Movement Sciences. Topic: modeling of functional connectivity networks based on EEG and fMRI data (Joint Project 2012)
1/1/2013-31/12/2015	Andrès Mendez Guerrero. Topic: characterization of cancerous lesions from multi-modal data based on dissimilarity representations in manyfolds (Joint Project 2010)
1/5/2012-30/4/2013	Massimo De Luca, PhD in Information Engineering, University of Padova. Topic: segmentation of MRI data using a multivariate Gaussian tissue model and rendering of cortical surfaces (Joint Project 2011)
1/1/2015-31/7/2016	Ilaria Boscolo Galazzo, PhD in Neurological and Movement Sciences, co-mentoring with Dr. Francesca Pizzini, Neuroradiology Division, Verona University Hospital. Topic: modeling of functional connectivity networks in neurological pathologies based on Arterial Spin Labelling (ASL) data. Position co-funded by the Institute of Nuclear Medicine, University College London, United Kingdom and the Department of Neuroradiology, University Hospital Verona, Italy)

1/1/2011-31/12/2012 | Francesca Pizzorni Ferrarese. Topic: validation of medical imaging pipelines, segmentation and modeling of the thalamus from diffusion MRI data, in collaboration with Prof. Brian Wandell, Stanford University (PRIN 2009 1/1/2012-31/12/2012 and Cooperint grant)

1/3/2012-30/9/2012 | Giulia Paggetti. Topic: Color naming and applications to imaging, social signaling

PHD STUDENTS

Since 10/2015 | Silvia Obertino. Topic: In-vivo brain microstructure and structural connectivity validation using TMS

4/2015-4/2016 | Jony Kirk, co-tutoring, Dept. of Design, Swinburn University, Australia. Topic: Color categorization: neurophysiological evidences (withdrawal in 2015)

Since 11/2014 | Lorenza Brusini. Topic: Modeling of brain tissues microstructure

Since 1/2014 | Sehresh Khan. Topic: Bridging functional and structural connectivity: a multi-modal approach

Since 1/2013 | Mauro Zucchelli. Topic: Towards brain tissue microstructure characterization using diffusion MRI

2010-2013 | Lin Ying Chia. Title: Towards the integration of diffusion neuroimaging, multiscale representations and cortical functionality

2010-2012 | Andres Mendez Guerrero, Biomarkers for cancer research: blending multiple modalities, dimensions and scales

2009-2011 | Giulia Paggetti, University grant for fostering international cooperation. Topic: Human perception: a link between cognitive and computer sciences.

2008-2010 | Francesca Pizzorni Ferrarese. Topic: Towards non-invasive techniques for head and brain tumors diagnosis and therapy planning: use and validation of diffusion imaging and tractography

PHD THESIS CO-DIRECTION

1996-2007 | Three co-directions of PhD thesis, one at the Audiovisual Communications Lab. of the EPFL (see funding section), two at the Dept. of Information Engineering of the University of Siena.

RESEARCH ENGINEER SUPERVISION

1/4/2012-31/3/2013
1/7/2013-30/6/2014 | Flavio Simonetti, MSc. Topic: volume stitching on NewTom (3D computerized tomography) data (funding from CEFLA-QR Verona spa and POR II funding from Regione Veneto)

PHD THESIS COMMISSION

Since 2007	Participation to 7 commissions in cycles XXII (1 candidate), XXV (1 candidate), XXVIII (three candidates) and XXIX (2 candidates).
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MSC AND BSC MENTORING

Since 2000	Direction of 24 Master students (12 at the University of Verona since 2009), 16 BSc diploma students and 27 stages at the University of Verona since 2009 (5 as Academic tutor), supervision of two Erasmus exchange students (2010 and 2016).
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EXTERNAL REFEREE FOR PHD THESIS

2016	Nusrat Sharmin, PhD School of the University of Trento, PhD School of the University of Trento
2016	Alessandro Ferrari, Computer Vision and Machine Learning for Supporting Diagnosis on Solid Agar Microbiological Cultures, PhD Course in Telecommunications Engineering, Dept. of Information Engineering, Università degli Studi di Brescia
2011	Fabrizio Marini, Content Based No-Reference Image Quality Metrics, Università degli Studi di Milano Bicocca, Facoltà di Scienze Matematiche, Fisiche e Naturali Dipartimento di Informatica, Sistemistica e Comunicazione Dottorato di Ricerca in Informatica - XXIII Ciclo
2007	R. Benavente Vidal, A Parametric Model for Computational Color Naming, Doctor en Informatica, Dept. Ciències de la Computació and Computer Vision Center, Universitat Autònoma de Barcelona, Barcellona, Spagna

JURY MEMBER FOR FOREIGN INSTITUTIONS

2016	Jury member for the <i>Concours de Chargé de Recherche, INRIA-Sophia Antipolis-Méditerranée</i> (junior and advanced researchers CR1, CR2)
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MENTORING OF EXCHANGE STUDENTS

2016	Universitat Politècnica de València (Espanya), ERASMUS STUDENT PLACEMENT European Programme, for a placement of 7.5 months
2011	Universitat Autònoma de Barcelona, MSc in Computer science (03/2011)

TEACHING

University of Verona

2017-	Signal and Image processing, BSc in Computer Science (6 CFU)
2016-	Image Processing II, MSc in Engineering and Computer Science (LM18-32) (6CFU)
2015-	Human Computer Interaction, MSc In Engineering and Computer Science (LM18-32) (2CFU)
2014-2016	Multiresolution Analysis; Theory and Applications, MSc in Engineering and Computer Science (LM18-32) and MSc in Bioinformatics and Medical Biotechnologies (LM9) (6CFU)
2010-2015	Bioimaging and Processing of medical data, MSc in Bioinformatics and Medical Biotechnologies (LM9), (6 CFU). Coordinator of the whole course and teacher of the Bioimaging module
2008-	Image Processing, BSc in Computer Science (6CFU)
2008-	Image Processing for bioinformatics BSc in Bioinformatics (6 CFU)
2009-2014	Multimedia communications, (6 CFU), MSc in Engineering and Computer Science (LM18-32) (6CFU)
2008-2010	Signals and Systems for Bioinformatics, BSc in Bioinformatics (6 CFU)
2008-2009	Human-Computer interfaces, BSc in Computer Science
2007-2008	Computer architectures, Lab. Session (2 CFU)

Teaching in other institutions

2004-2007	Multimedia communications, (6 CFU), MSc in Informatics and Telecommunication Engineering 42h Università degli Studi di Siena, Dept. of Information Engineering, Faculty of Telecommunications Engineering,
2002-2004	Advanced Image Processing, MSc in Computer Science, (6 CFU), 42h, University of Friburg (Switzerland), Faculty of Sciences, Dept. of Computer Science
2001-2002	Teaching assistant for the BSc Color Imaging course, Dept. of Telecommunications, School of Telecommunication and Computer Science, Swiss Federal Institute of Technology (EPFL),
2000-2001	Teaching assistant for the BSc Digital Photography course, Dept. of Telecommunications School of Telecommunication and Computer Science, Swiss Federal Institute of Technology (EPFL),

Doctoral courses and Short courses

6/2014	Color naming, Master in Color Design&Technology, Consorzio del Politecnico di Milano (2h)
5/2010	Grant writing, Doctoral school in Sciences, Engineering and Medicine, University of Verona (2h)

5/2009	Perceptual image processing: bridging vision, Doctoral school in Sciences, Engineering and Medicine, University of Verona (8h)
12/2007	Image quality assessment, Dept. of Computer Science, University of Milan (4h)
10/2006	Vision de la couleur et applications pour le traitement d'images, UMR 6168, Master SIS Recherche, Université de la Méditerranée. Aix Marseille II, France. Teaching Staff mobility program (8h)
11/2005	Catégorisation et appellation des couleurs, UMR 6168, Master SIS Recherche, Université de la Méditerranée Aix Marseille II, France (4h)
7/2004	Traitement d'images basé sur la perception visuelle (Ecole doctorale), PhD course in Telecommunication Engineering, University of Siena (16h)

FUNDING

National Projects

2004-2007	RIENTRO DEI CERVELLI (BRAIN DRAIN PROGRAM) MIUR, D.M. n.96 del 23.04.2001, 01/03/2004-28/02/2007. Project title : Perceptual image modeling : bridging vision. (93000 euro). Individual fellowship
2009-2011	PRIN-2009, BrainFit : Brain tractography from diffusion imaging for radio-therapical and surgical planning (Trattografia da risonanza in diffusione per la pianificazione radioterapica e chirurgica) in collaboration with the Dept. of Neurosurgery of the University of Verona and the Signal Processing Lab. (LTS5) of EPFL (Prof. J.-Ph. Thiran). (55142 euro) Role: national coordinator (PI)

University Co-Funded Projects

2015	Joint Project, Brain microstructural modeling for improved TMS anchoring, in collaboration with the Dept. of Medicine, Surgery and Health Sciences, Clinical Neurology Unit, Cattinara University Hospital, Trieste, Italy (Prof. P. Mangano) end EBNeuro s.r.l. (27300 euro), Role PI
2014	Joint Project, Investigation of structural and functional brain connectivity from multimodal data, in collaboration with the Dept. of Neurology (Prof. P. Mangano) end EBNeuro s.r.l. (31000 euro), Role: PI
2012	Joint Project, AHeAD, Automatic Human behavior Analysis in neurological Diseases: the case of epilepsy in collaboration with the Dept. of Neurology (Prof. P. Mangano, PI) end EBNeuro s.r.l. (20000 euro). Role: Scientific coordinator
2011	Joint Project, Highly reliable image-guided multimodal neuro-navigation for motor cortex stimulation, in collaboration with the Dept. of Neurology (Prof. P. Mangano) end EBNeuro s.r.l. (30000 euro). Role: PI
2010	Joint Project, Assessment of tumor infiltrative region in glioma mouse models: development of ad hoc data processing for advanced MRI techniques, in collaboration with the NRM Lab, of the University of Verona and Nerviano Medical Systems. (30000 euro). Role: PI

Other Funding

2016	Verona Brain Fundation, PI F. Pizzini, MD, PhD. Project: Mapping functional connectivity patterns in neurological and neurosurgical diseases with Arterial Spin Labeling and Blood Oxygenation Level Dependent MRI (16000 euros)
2016	Contract for research activity funded by Azienda Ospedaliera Universitaria Integrata, Dept. of Pathology and Diagnostics, UOC of Neurology. Project: A non-invasive multi-modal approach to restore functional networks and cognition in Alzheimer disease in fronto-temporal dementia (13000 euros)
2016	DGR nr. 2121 del 30 dicembre 2015 nell'ambito del Programma Operativo Regionale - Fondo Sociale Europeo 2014 - 2020, in collaboration with EBNeuro Spa. Title: Studio, implementazione e validazione di interfacce per sistemi robotici
2013	Contributi per l'inserimento nelle imprese di personale qualificato di ricerca" (POR Misura II), nell'ambito del Programma di finanziamento Regionale Operativo 2007/2013 Parte FSER Asse 1, Azione 1.1.3, Misura II, Regione Veneto, in collaborazione con QR Srl, Verona , Fusione e quality assessment di immagini da TC volumetrica Cone Beam, (34000 euro). Role: PI
2010	Contract for research activity (Accordo di collaborazione) with CEFLA SA. Project: Processing of volumetric data for CBCT NewTom applications. (25500 euro). Role: Scientific leader

Other institutional funding

2016	Funding from the Doctoral School of Natural and Engineering Sciences for the organization of the Summer School of Brain Connectomics (10000 euros)
2015	post-doc grant, Dept. of Computer Science. Project title: Tissue microstructure characterization in human brain in-vivo using diffusion MRI (23000 euros, co-funded)
2014	post-doc grant, Dept. of Computer Science. Project title: Pattern recognition in Neuroimaging (23000 euros, co-funded).
2012	post-doc grant, Dept. of Computer Science. Project title: Sparse and reliable modeling of cortical connections (23000 euros, co-funded)
2011	post-doc grant, Dept. of Computer Science. Project title: Assessment of the functional cortical activity in cognitive tasks by EEG recordings (23000 euros)
2009	post-doc grant, Dept. of Computer Science. Project title: Exploring brain highways. (23000 euros)
2008-2010	PhD grant for fostering international collaborations, University of Verona. Project title: Perceptual issues in medical imaging and minimally invasive surgery. In collaboration with the Imperial College, London
2008	Research funding, Dept. of Computer Science. Purchase of the ViSage (Cambridge Research) for research in visual perception. (20000 euros)

Funding Abroad

2003-2008	Ramon y Cajal grant, Spanish Ministry of Science and Technology, withdrawn after grant assignment for joining the Rientro dei Cervelli program
2002-2005	Swiss National Science Foundation (SNF). Grant number 21067012.01. Progetto: Perceptual modeling of color textures (131.016 CHF)
2001-2003	EPFL internal research grant. Project title: Image models built on joint texture and color characterization for natural images in digital imaging systems

Projects With Positive Evaluation But Not Funded

2016	PRIN-2015: Connecting microstructural features with regional specificity for brain tumours: a multi-modal approach (CONNECT), Role: Principal Investigator and National Coordinator.
2016	Joint Project, Automated Psychological assessment of Cognitive load (APsyCo), in collaboration with EBNeuro SPA and the Dept. of Molecular Medicine, University La Sapienza, Roma.
2011	Multiscale INTERdisciplinary CORTical DECryption, ERC Starting Grant. (ERC-StG 2012, Proposal number 307826)

PATENTS

2015	EP2868275 (A1) Method and apparatus to increase the field of view in a cone beam computerized tomography acquisition. Inventors Sandri C., Menegaz G., Morsiani, Simonetti F., Rivalta B. Applicant CEFLA COOP IT, application n. EP20140189592 20141020, Priority n. ITBO2013A000599 20131031, Also published as US2015117592 (A1) KR20150050385 (A) ITBO20130599 (A1) CN104586417 (A)
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INTERNATIONAL EVENT ORGANIZATION

2016	Summer School of Brain Connectomics, Sept. 19-22, Department of Computer Science, University of Verona
2014	Verona Diffusion Workshop, May 16, Department of Computer Science, University of Verona

RESEARCH EVALUATION ACTIVITIES

Independent Expert For The European Commission

2016	VICE-CHAIR H2020 MSCA Individual Fellowships Call 2016 for panel LIF (Life Sciences)
2015	Selected as VICE-CHAIR: H2020 FET OPEN RIA Call 2016-2017
2015	Selected as VICE-CHAIR: H2020 FETOPEN 2014-2015 REA 2015 (Suspended for possible conflict of interest)
2015	EVALUATOR AND RAPPORTETUR: H2020-MSCA-IF-2015

2015	EVALUATOR: H2020-FET OPEN-2015-1-REA and H2020-PHC11, remote evaluation
	EVALUATOR: panel member and rapporteur, DG-Research. Calls: New and Emerging Science and Technology (FP6-NEST), European Research Council (FP7-ERC), European Spatial Agency (ESA) and ICT (Brain inspired ICT)
Since 2006	REVIEWER: Directorate General for Information Society and Media (DG-INFOS) FP6 and FP7
	EVALUATOR: Directorate General for Information Society and Media (DG-INFOS), calls FP6 and FP7 Information and Communication Technologies (ICT). Funding instrument: Integrated Projects (IP), Networks of Excellence (NoE) and Single Target Research Projects (STREPS)

Independent Expert For The Italian Ministry of University And Research (MIUR)

Since 2014	EVALUATOR: Calls: Scientific Independence of Young Researchers (SIR-2014)
Since 2012	EVALUATOR: Calls: Projects of national interest (PRIN) and Future in Research (Futuro in Ricerca, FIRB)

Independent Expert For Other Institutes

2016	European Science Foundation (ESF) College of Expert Reviewers (until 2019)
2010	EVALUATOR: Swedish Knowledge Foundation (www.kks.se) (2010)
2011	EVALUATOR: Agence Nationale de Recherche, France, LABEX (http://www.agence-nationale-recherche.fr)

EDITORIAL ACTIVITIES

Boards And Charing

2015	Area Chair: International Conference on Image Processing (ICIP-2015), Session 6.3. ARS-IIU Image & video interpretation and understanding, IEEE
2015	Area Chair: European Signal Processing Conference (EUSIPCO2015), European Association for Signal Processing (EURASIP)
2010	Chair: Section 4a, International Conference on Neural Computation (ICNC 2010)
2009	Poster Teaser Section in Medical Image Analysis, MICCAI, Imperial College, London, Sept. 20-24

Editing and reviewing

2016	Lead Guest Editor, Biomed Research International, Special issue, in preparation, Hindawi Pub. Corp.
2012-	Associate Editor: EURASIP Springer Open J. on Image & video Processing, since May
2008	Guest Editor: Special Issue of the IEEE/OSA Journal of Display Technology on Medical Displays, Volume n. 4, 2008

2007	Associate Editor: EURASIP Journal of Applied Signal Processing (since 2004), Editor Special Issue on Image Perception
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Reviewing and Technical Program Commettes

Reviewer	IEEE Trans. on Image Processing, IEEE Trans. on Medical Imaging, IEEE Trans. on Information Technology in BioMedicine, International Journal of Biomedical Imaging, Neuroimage, Fronteers of Neurosciences, Brain Research Bulletin, Int. J. on Neural Systems, Biomedical Signal Processing and Control, Current Medical Imaging Reviews, Annaires de Biologie, Signal Processing Journal, EE Proceedings Circuits, Devices and Systems, Computer Methods and Programs in Biomedicine, Elsevier Journal of Electronic Imaging, IEEE Trans. on Circuits and Systems for Video Technology, Systems Man and Cybernetics, Elsevier Neurocomputing, Image and Video processing journal, Computer Methods and Programs in Biomedicine, Elsevier Systems Man and Cybernetics, Signal Processing Letters International, Journal of Computers and Applications
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Technical Program Commettee	IEEE International Conference on Biomedical Imaging (ISBI), MICCAI Medical Image Computing and Computer Aided Intervention, International Conference on Image Processing (ICIP), Int. Conf. on Acoustic, Speech and Signal Processing (ICASSP), IEEE Image and Multidimensional Signal Processing (IMDSP), European Signal Processing Conference (EUSIPCO), IEEE International Workshop on Multimedia Signal Processing (MMSp), Workshop and Special Issue on Generative-Model Based Vision (GMBV 2004)
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VISITS TO FOREIGN INSTITUTIONS

9/2012	Teaching staff mobility - Signal Processing Lab. 5, EPFL, Switzerland
6/2012	Visiting professor, UMR-CNRS 6168, Université de la Mediterranée, Aix-Marseille II, France
6/2011	Visiting professor, UMR-CNRS 6168, Université de la Mediterranée, Aix-Marseille II, France
10/2010	Cooperint – Mobility grant from the University of Verona - Visiting researcher at the Faculty of Engineering, Department of Computing and Hamlyn Centre of Robotic Surgery of the Imperial College, London UK
9/2010	Cooperint - Mobility grant from the University of Verona - Visiting researcher presso CNRS-UMR, 6168 Marseille, France
6/2010	Visiting professor, UMR-CNRS 6168, Université de la Mediterranée, Aix-Marseille II, France
2/2010	Teaching staff mobility - Signal Processing Lab., EPFL, Switzerland
6/2008	Visiting professor, UMR-CNRS 6168, Université de la Mediterranée, Aix-Marseille II, France
1/2007	Visiting professor, UMR-CNRS 6168, Université de la Mediterranée, Aix-Marseille II, France
7/2005	Visiting professor, LSIS, UMR-CNRS 6168, Ecole d'Ingénieurs de Luminy, Université de la Mediterranée, Aix-Marseille II, France

HONORS AND AWARDS

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| 2010 | Best Student Paper Award. Registration Accuracy Assessment on Noisy Neuroimages, Pizzorni Ferrarese F., Simonetti F., Foroni R., Menegaz G., in Proceedings of IEEE International Conference on Information Technology and Applications in Biomedicine 2010, Corfu, Greece , 3-5 November , 2010 |
| 2004 | Selected for Who's Who in Medicine and Healthcare, 2004-2005 |

INVITED TALKS

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| 05/2016 | Neurophysiology of Movement study Group. From planning to movement performance: analysis and methodological tools. "EEG signal analysis: a new approach for the investigation of motion patterns?", 61 National Congress of the Italian Neurophysiology Society, Sapienza Università di Roma, May 27, 2016. |
| 06/2011 | What color is the sea?, Annual meeting of the CNRS-LSIS lab., Giens, France. |
| 10/2008 | Perceptual imaging, School of Electrical Engineering, Nanyang Technological University, Singapore. |
| 1/2007 | Image perception : vision models for the multimedia , Faculty of Mathematical, Physical and Natural Sciences, University of Verona, Italy |
| 7/2005 | Color vision : investigating higher order color mechanisms, and Wavelet-based texture modeling , Systems and Information Engineering, Laboratory, UMR-CNRS 6168, Marseille, France |
| 12/2003 | 2003 Image models and visual perception : the case of textures , Department of General Psychology, University of Padova, Italy |
| 9/2002 | Color Contrast Detection in Spatial Chromatic Noise , Institute of Neuroinformatics, University of Zurich, Winterthurerstr. 190, 8057 Zurich, Switzerland |
| 7/2002 | Modeling 2D+1 Textures , Coherent States, Wavelets and Applications, Université catholique de Louvain, Louvain-la-Neuve, Belgium |
| 5/2002 | Computational Vision : Image Models and Neural Representation, Institut National de la Santé et de la Recherche Médicale (INSERM) Cerveau et Vision, 18 avenue du Doyen Lepine, 69675 Bron Cedex, France |
| 5/2002 | Model-based Image Processing , Universität Koblenz-Landau, Koblenz, Germany |
| 1/2002 | Computational Vision : Relations between Image Models and Neural Representation, Department of Neurological and Vision Sciences, University of Verona, Italy |
| 12/2001 | Some issues in medical imaging : analysis and compression , Universitaet Regensburg Augenklinik, D-93042 Regensburg, Germany |
| 7/2001 | Model-based coding : JPEG2000 and beyond , Dept. of Computational Science and Artificial Intelligence (DECSAI), University of Granada, Spain |
| 6/2000 | Wavelet-based Coding : JPEG2000 and beyond , CEFRIEL (Research and Education Center in Information Technology) in Milan, Italy |

5/2000	Texture modeling for coding applications , Annual meeting of the "Group de contact FNRS Ondelettes et applications", Louvain la Neuve, Belgium
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SOCRATES-ERASMUS DEPARTMENT COORDINATION

2013	Université de Poitiers, France
2012	Technical University Munchen (TUM), Germany
2010-2012	Swiss Federal Institute of Technology, (EPFL), Signal Processing Lab.
2010-2012	Université Aix-Marseille III, France
2008-2012	Swiss Federal Institute of Technology, (EPFL), Signal Processing Lab.
2008-2011	Technical University (TU), Wien, Austria
2008-2011	LSIS CNRS-UMR 6168, Université de la Méditerranée Aix Marseille II
2008-2011	Computer Vision Center (CVC), Universidad Autonoma de Barcelona
2004-2007	Università degli Studi di Siena - LSIS CNRS UMR 6168 Université de la Méditerranée Aix Marseille II 2004-2007 Università di Siena - Département d'Informatique, Université de Fribourg, Suisse
2004-2007	Università degli Studi di Siena LSIS, Université de la Méditerranée Aix Marseille II, Francia
2004-2007	Università degli Studi di Siena - Dept. of Computer Science, University of Fribourg, Switzerland

ASSOCIATIONS AND MEMBERSHIPS (selection)

MICCAI	Medical Image Computing and Computer Assisted Interventions
ISMRM	International Society for Magnetic Resonance in Medicine
IEEE	The Institute of Electrical and Electronics Engineers, valued member, since 1995
IEEE-WIE	IEEE Women in Engineering, 2000
SINC	Italian Society for Clinical Neurophysiology
ITC	Italian Color Group
OSA	The Optical Society of America, 2007-2012
SPIE	The International Society for Optical Engineering, 2006

LANGUAGE SKILLS

Italian	Mother tongue
English	Very good, oral and written
French	Excellent, oral and written