

# Curriculum Vitae - Giovanni Maria Farinella

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## SHORT BIOGRAPHY

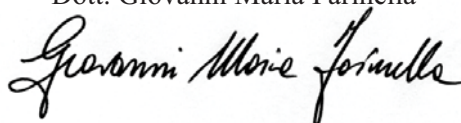
Giovanni Maria Farinella is a contract researcher (Postdoctoral) at Dipartimento di Matematica e Informatica, University of Catania, Italy from 2008. He is also associate member of the Computer Vision and Robotics Research Group at University of Cambridge since 2006. He received the degree in Computer Science (egregia cum laude) from the University of Catania in 2004. He was awarded a Doctor of Philosophy degree from the University of Catania in 2008. From 2004 he serves the Accademia di Belle Arti di Catania as contract professor in the fields of Computer Science, Computer Graphics and Computer Vision. From 2008 he serves the Interfaculty of Agraria and Scienze MM. FF. NN., University of Catania, Italy, as contract professor of Informatica con Applicazioni di Grafica Computerizzata. His research interests lie in the fields of Computer Vision, Computer Graphics, Pattern Recognition and Machine Learning. He has edited 1 Volume, co-authored more than 30 papers in book chapters, international journals and international conference proceedings, co-authored 12 papers in national journals and national conference proceedings, and co-authored 1 patent. He also serves as reviewer and programme committee different international journals and conferences. Giovanni Maria Farinella founded (in 2006) and currently directs the International Computer Vision Summer School.

## AFFILIATIONS

- ❖ **December 2008 – Today:** Contract Researcher (Postdoctoral), Image Processing Laboratory, Department of Mathematics and Computer Science, University of Catania, IT.
- ❖ **May 2005 – Oct 2008:** Ph.D. Student, Image Processing Laboratory, Department of Mathematics and Computer Science, University of Catania, IT.
- ❖ **31 Oct 2006 - Today:** Associate Member of Computer Vision and Robotics Group, Department of Engineering, Cambridge University, UK
- ❖ **A.A. 2004 - 2010:** Contract Professor, Accademia di Belle Arti di Catania (AFAM-MIUR), Italy
- ❖ **A.A. 2008 - 2010:** Contract Professor, Interfaculty Agraria-Scienze MM. FF. NN., University of Catania, Italy

## EDUCATION

- ❖ **October 2008**  
Ph.D. - Computer Science  
Department of Mathematics and Computer Science, University of Catania, IT  
Thesis Title: Representing Scenes for Recognition, Retrieval and Content Based Learning  
Supervisor: Professor Giovanni Gallo
- ❖ **April 2004**  
Laurea in Informatica (B.CompSc + M.CompSc)  
Department of Mathematics and Computer Science  
University of Catania  
Thesis Title: Teoria, Tecniche e Tecnologie di E-Government  
Supervisor: Professor Alfredo Ferro  
QPA: 110/110 egregia cum laude



### ❖ International Schools

- **27 September – 3 October 2009:** International School “The Analysis of Patterns 2009”, Pula (Cagliari), Sardinia, Italy
- **29 August – 10 September 2009:** Machine Learning Summer School, Cambridge, UK
- **11 - 18 July 2009:** 21<sup>th</sup> International School for Computer Science Researchers – Molecular and Medical Image Analysis and Bioinformatics, Lipari, Italy
- **6 - 11 July 2009:** International Computer Vision Summer School – Machine Learning for Computer Vision, Sampieri-Sicily, Italy
- **14 - 19 July 2008:** International Computer Vision Summer School – Reconstruction and Recognition, Sampieri-Sicily, Italy
- **21 - 27 October 2007:** International School “The Analysis of Pattern 2007”, International Centre for Informatics, Bertinoro, Italy
- **9 - 14 July 2007:** International Computer Vision Summer School - Detection, Recognition and Segmentation in Context, Sampieri-Sicily, Italy
- **26 - 29 September 2005:** 5<sup>th</sup> VIPS Advanced School on Computer Vision, Pattern Recognition and Image Processing, Verona, Italy
- **11 - 19 July 2004:** 16<sup>th</sup> International School for Computer Science Researchers – Mobile Networks: Algorithms and Systems, Lipari, Italy
- **29 May 2004 - 5 June 2004:** 1<sup>st</sup> International School on Advanced BioMedicine and Bioinformatics – Molecular and Computational Analysis of Human Phenotype, Lipari, Italy
- **19-21 November 2004:** Corso @ITIM “Sistemi di Telemedicina ed Applicazioni”; “Sicurezza Informatica e Firma Digitale nei Documenti Sanitari”

### Conferences/Workshops

- **25-27 May 2010:** International Workshop on Computer Vision, Vietri sul Mare, Italy
- **7 – 9 January 2009:** 15<sup>th</sup> International Multimedia Modeling Conference, Sophia Antipolis, France
- **4-6 December 2008:** Joint IAPR International Workshops on Structural and Syntactic Pattern Recognition and Statistical Techniques in Pattern Recognition, Orlando, Florida, USA
- **8-11 December 2008:** International Conference on Pattern Recognition (ICPR)
- **27-29 May 2008:** International Workshop on Computer Vision, Venezia, Italy
- **23 – 24 May 2008:** 4<sup>o</sup> Convegno del Gruppo Italiano Ricercatori in Pattern Recognition, Ravenna, IT
- **28 February 2008:** V Congresso Nazionale di Archeometria – Scienza e Beni Culturali, Siracusa, IT
- **22 – 24 February 2006:** 4<sup>th</sup> Eurographics Italian Chapter Conference, Catania, IT
- **4 – 8 September 2006:** British Machine Vision Conference, University of Edinburgh, UK
- **28 – 31 May 2006:** International Conference on Computational Science, University of Reading, UK
- **19-21 November 2004:** @ITIM Congress 2004 on Telemedicine and Medical Informatics - 1<sup>st</sup> Euro-Mediterranean Medical Informatics and Telemedicine International Conference, Istituto G. Gaslini, Genova, Italia
- **22 January 2005:** 1<sup>o</sup> Workshop in Accertamento Innovatovo con la Virtual Reality, Catania, Italia

## RESEARCH EXPERIENCES ABROAD

### ❖ 22 Aug 2009 - 10 Sept 2009

Computer Vision and Robotics Group,  
Department of Engineering,  
Cambridge University, UK

Supervisor: Prof Roberto Cipolla

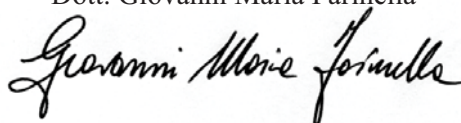
Topic: I have been working on two different topics: “Robust Discriminative Methods for Multimodal Data Classification” and “Discriminative and Generative Visual Codebooks for Scene Understanding”.

### ❖ 1 Aug 2008 - 11 Oct 2008

Computer Vision and Robotics Group,  
Department of Engineering,  
Cambridge University, UK

Supervisor: Prof Roberto Cipolla

Topic: I took part in a research project in which have been involved both Academy and Industry. Specifically, I have been working on “Semantic Segmentation through Recognition for Autonomous Vehicles



❖ **26 Aug 2007 – 16 Sept 2007**

Computer Vision and Robotics Group,  
Department of Engineering,  
Cambridge University, UK  
Supervisor: Prof Roberto Cipolla

Topic: I have been working on scene understanding by using frequency domain. Specifically, the goal was of discriminating Natural Versus Artificial Scene by using a discriminative graphical models on features extracted by ordering Discrete Fourier Spectra.

❖ **3 May 2006 – 31 Oct 2006**

Computer Vision and Robotics Group  
Department of Engineering  
Cambridge University, UK  
Supervisor: Prof Roberto Cipolla

Topic: I have been working on the topic of Detection, Recognition and Segmentation of object classes in still images and videos. Specifically, I worked to test the TextonBoost framework for scene understanding in video domain. Moreover, I took part in a research teams for pedestrian detection. During my visit I attended to the following courses/tutorials/lectures:

- *Course on Computer Vision*, Professor Roberto Cipolla, (University of Cambridge), Department of Engineering, University of Cambridge, UK, A.A. 2005/2006
- *Tutorial on Graph Cuts*, Professor Yuri Boykov (University of Western Ontario), Department of Engineering Science, University of Oxford, 18 May 2006
- *Lecture on Mixture Models and the EM Algorithm*, Professor Christopher Bishop (Microsoft Research Ltd), Department of Engineering, University of Cambridge, UK, 5 October 2006
- *Lectures on Machine Learning*, Professor Zoubin Ghahramani, Department of Engineering, University of Cambridge, UK, 18, 19, 25 October 2006

❖ **18 July 2005 - 9 Sep 2005**

Rainbow Group  
Computer Laboratory, Cambridge University, UK  
Supervisor: Prof. Peter Robinson, Dr. Neil Dodgson

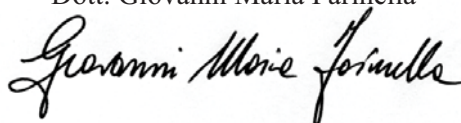
Topics: I have been working on fast marching farthest point sampling for 3D reconstruction.

❖ **4 Aug 2004 - 20 Aug 2004**

DSP & Multimedia Group - Multimedia & Vision Research Lab  
Electronic Engineering Department, Queen Mary College, University of London, UK  
Supervisor: Dr. Andrea Cavallaro  
Topics: I have been working on Consensus Clustering, Mean Shift, Video Tracking.

## PROFESSIONAL ACTIVITIES

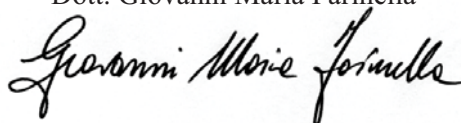
- ❖ **2007-Today:** Director of the “International Computer Vision Summer School” (ICVSS). School Website: <http://www.dmi.unict.it/icvss>
- ❖ **2010:** Invited Speaker at the International Workshop on Applications of Pattern Analysis 2010 (WAPA2010), Cumberland Lodge, Windsor, UK, 1-2 September 2010.
- ❖ **2009:** Invited Speaker at the International School “The Analysis of Patterns 2009”, Pula (Cagliari, Sardinia), 27 September – 3 October 2009. Talk Title: Pattern Recognition in Computer Vision.
- ❖ **2009:** School Committee for the “21<sup>st</sup> International School for Computer Science Researchers” – Molecular and Medical Image Analysis and Bioinformatics, Lipari 11-18 July 2009.
- ❖ **2010:** Invited to serve as Reviewer for the International Workshop on Application of Pattern Analysis (WAPA).
- ❖ **2010:** Invited to serve as Reviewer for the International Conference on Pattern Recognition (ICPR).
- ❖ **2010:** Invited to serve as Reviewer for the ACM Workshop on Multimedia in Forensics, Security and Intelligence - MiFor2010
- ❖ **2008/2009/2010:** Invited to serve as Reviewer for the IEEE International Conference on Image Processing (ICIP).
- ❖ **2010:** Invited to serve as Reviewer for the European Signal Processing Conference (EUSIPCO)
- ❖ **2009:** Invited to serve as Reviewer for the International Conference on Image Analysis and Processing (ICIAP).



- ❖ **2009:** Invited to serve as Reviewer for the IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS)
- ❖ **2009/2010:** Program Committee Member and Reviewer of the International Conference on Computer Vision Theory and Applications (VISAPP).
- ❖ **2009/2010:** Program Committee Member and Reviewer of the IADIS International Multi Conference on Computer Science and Information Systems - Computer Graphics, Visualization, Computer Vision and Image Processing.
- ❖ **2010:** Invited to serve as Reviewer the International Journal IET Electronics Letters
- ❖ **2010:** Invited to serve as Reviewer the International Eurasip Journal on Image and Video Processing - Special issue on "Emerging Methods for Color Image and Video Quality Enhancement
- ❖ **2009:** Invited to serve as Reviewer the international Journal Computers in Biology and Medicine, Elsevier
- ❖ **2008:** Invited to serve as Reviewer the international Journal Computer Vision and Image Understanding, Elsevier
- ❖ **2008:** Invited to serve as Reviewer the ECCV Workshop on Multi-camera and Multi-modal Sensor Fusion Algorithms and Applications (M<sup>2</sup>SFA<sup>2</sup>).
- ❖ **2008 – Today:** Member of the Joint Laboratory STMicroelectronics – IPLAB University of Catania.
- ❖ **A.A. 2009/2010:** Nominato cultore della materia "Laboratorio di Informatica", Corso di Laurea in Scienze Biologiche, Facoltà di Scienze MM. FF. NN. dell'Università degli Studi di Catania
- ❖ **1 Giugno - 31 Ottobre 2004:** Contratto di collaborazione esterna su attività didattiche integrative a supporto delle attività didattiche del Corso di Laurea in Informatica primo livello, Dipartimento di Matematica e Informatica, Università degli Studi di Catania
- ❖ **20 Maggio - 10 Luglio 2004:** Consulenza informatica per la progettazione e realizzazione di Sistema Informativo presso il Laboratorio di Politiche e Servizi Sociali (LAPOSS) della Facoltà di Scienze Politiche dell'Università di Catania, IT
- ❖ **20 Luglio - 20 Settembre 2004:** Contratto di collaborazione occasionale nell'ambito dei servizi di "Informazione e Orientamento", Facoltà di Scienze Politiche, Università degli Studi di Catania, IT
- ❖ **Oral Presentation at the:**
  - International Conference on MultiMedia Modeling, Sophia-Antipolis, France, 2009
  - International Conference on Pattern Recognition, Tampa, Florida, USA, 2008
  - International Workshop on Structural and Syntactic Pattern Recognition, SSPR 2008 - Satellite event of the 19th International Conference of Pattern Recognition, ICPR 2008
  - International Conference on Computational Science ICCS 2006 - Fifth International Workshop on Computer Graphics and Geometric Modeling, CGGM 2006, Reading, UK, 2006
  - V Congresso Nazionale di Archeometria - AIAr, Siracusa, Sicilia, 2008

## TEACHING EXPERIENCE

- ❖ **A.A. 2008 - 2010:** Contract Professor, *Informatica con applicazioni di grafica computerizzata (5 CFU)*, Interfaculty Agraria-Scienze MM. FF. NN., University of Catania, Italy
- ❖ **A.A. 2004 - 2008:** Contract Professor, *Informatica di Base (4 CFU)*, Accademia di Belle Arti (AFAM-MIUR), Catania, Italy
- ❖ **A.A. 2008 - 2010:** Contract Professor, *Informatica per la Grafica (6 CFU)*, Accademia di Belle Arti (AFAM-MIUR), Catania, Italy
- ❖ **A.A. 2009 - 2010:** Contract Professor, *Computer Vision (6 CFU)*, Accademia di Belle Arti (AFAM-MIUR), Catania, Italy
- ❖ **Novembre 2009:** Contract Professor, Progetto "Missione Arcobaleno", Corso di formazione "Tecniche investigative telematiche" (18 ore), Corso per le forze dell'ordine (III Livello), Associazione Telefono Arcobaleno.
- ❖ **A.A. 2005 - Today:** Teaching Assistant, Course: Computer Vision, Department of Mathematics and Computer Science, University of Catania, IT
- ❖ **A.A. 2005 - 2009:** Teaching Assistant, Course: Pattern Recognition, Department of Mathematics and Computer Science, University of Catania, IT
- ❖ **A.A. 2004 - 2006:** Teaching Assistant, Course: Multimedia, Department of Mathematics and Computer Science, University of Catania, IT
- ❖ **Seminars**
  - **1 Giugno 2010:** *Bag-of-Word Models*, Undergraduate Course: Computer Vision, University of Catania, IT
  - **30 March 2010:** *OpenCV*, Undergraduate Course: Computer Vision, University of Catania, IT
  - **19 January 2010:** *OpenCV*, Undergraduate Course: Multimedia, University of Catania, IT
  - **5 May 2009:** *Representing Images for Recognition, Retrieval and Content Based Learning*, Undergraduate Course: Computer Vision, University of Catania, IT
  - **22 January 2008:** *Clustering*, Undergraduate Course: Pattern Recognition, University of Catania, IT



- **3 January 2008:** *Linear Learning Machines and Support Vector Machines*, Undergraduate Course: Pattern Recognition, University of Catania, IT
- **9 January 2008:** *Machine Learning and Pattern Recognition for classification and regression*, Seminar for Ph.D. Students, University of Catania, IT
- **17 December 2007:** *Scene Recognition: an overview*, Joint research lab STMicroelectronics – Image Processing LAB, Catania, IT
- **7 June 2007:** *Image and Video Understanding*, Joint research lab STMicroelectronics – Image Processing LAB, Catania, IT
- **22 May 2007:** *Detection, Recognition and Tracking: Three Cases Studies*, Undergraduate Course: Computer Vision, University of Catania, IT
- **16 February 2007:** *The role of context for object recognition*, Seminar for Ph.D. Students, University of Catania, IT
- **18 December 2006:** *Segmentazione delle Immagini*, Undergraduate Course: Multimedia, University of Catania, IT
- **11 December 2006:** *Introduction to Directed Graphical Models*, Undergraduate Course: Pattern Recognition Course, University of Catania, IT
- **6 October 2006:** *Detection, Recognition and Segmentation in Videos - The Pedestrian "Object" Case Study*, Computer Vision and Robotics Group, University of Cambridge, UK
- **24 March 2006:** *Learning and Recognition of Visual Object Category using LSA and pLSA*, Seminar for Ph.D. Students, University of Catania, IT
- **11 November 2005:** *Segmentazione delle Immagini*, Undergraduate Course: Multimedia, University of Catania, IT
- **20 May 2005:** *Segmentazione delle Immagini*, Undergraduate Course: Multimedia, University of Catania, IT
- **23 May 2005:** *Statistical Region Merging*, Undergraduate Course: Multimedia, University of Catania, IT

## AWARDS

- ❖ **April 2004:** Awarded a grant for distinguished career in undergraduate studies by University of Catania

## PUBLICATIONS

### Edited Books (Accepted – International)

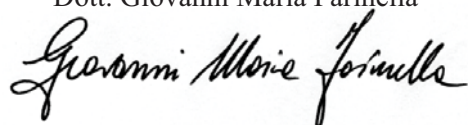
- 1) *"Computer Vision: Detection, Recognition and Reconstruction"*, Ed. R. Cipolla, S. Battiato, G. M. Farinella, Studies in Computational Intelligence, ISBN 978-3-642-12847-9, e-ISBN 978-3-642-12848-6, ISSN 1860-949X, Springer-Verlag Berlin Heidelberg, 2010

### Book Chapters (Accepted - International)

- 1) G. Farinella, S. Battiato, *"Representation Models and Machine Learning Techniques for Scene Classification"*, Chapter in Pattern Recognition and Machine Vision, Ed. P. S. P. Wang, River publisher, ISBN: 978-87-92329-36-3, 2010
- 2) G. M. Farinella, D. Ravi, *"Image Categorization"*, Chapter in Image Processing for Embedded Devices, Applied Digital Imaging ebook series - Bentham Science Publisher, 2010.

### International Journals (Accepted - Hard Copy)

- 1) S. Battiato, G. M. Farinella, G. Giuffrida, C. Sismeiro, and G. Tribulato, *"Exploiting Visual and Text features for Direct Marketing Learning in Time and Space Constrained Domains"*, Pattern Analysis and Application (ISI, Impact Factor 2008: 1.367), Springer, Vol 13 N. 2, pp. 143–157, ISSN 1433-7541, 2010
- 2) S. Battiato, G. M. Farinella, G. Giuffrida, C. Sismeiro, and G. Tribulato, *"Using Visual and Text Features for Direct Marketing on Multimedia Messaging Services Domain"*, Multimedia Tools and Applications Journal (ISI, Impact Factor 2008: 0.462), Springer, Vol 42, Issue 1, ISSN 1380-7501 (Print) 1573-7721 (Online), 2009
- 3) H. Andra, S. Battiato, G. Bilotta, G. M. Farinella, G. Impoco, J. Orlik, G. Russo, A. Zemitis, *"Structural Simulation of a Bone-Prosthesis System of the Knee Joint"*, Sensors Journal (ISI, Impact Factor 2008: 1.870) – MDPI Open Access - Special Issue on Medical Images Processing, ISSN: 1424-8220, Vol 8, pp. 5897-5926, 2008



- 4) G. Catanuto, A. Spano, A. Pennati, E. Riggio, G.M. Farinella, G. Impoco, S. Spoto, G. Gallo and M.B. Nava, "Experimental Methodology for Digital Breast Shape Analysis and Objective Surgical Outcome Evaluation", Journal of Plastic, Reconstructive & Aesthetic Surgery (ISI, Impact Factor 2008: 1.235), Elsevier, , Vol. 61, Issue 3, Pages 314-318, ISSN: 1748-6815, 2008
- 5) S. Battiato, G. Di Blasi, G. M. Farinella, G. Gallo, "Digital Mosaic Frameworks: an overview", Eurographics - Computer Graphic Forum (ISI, Impact Factor 2008: 1.86), Vol 26. No. 4,Page 794-812, ISSN: 0167-7055, December 2007
- 6) S. Battiato, G. Di Blasi, G. M. Farinella, G. Gallo, G. C. Guarnera, "Adaptive Techniques for Microarray Image Analysis with Related Quality Assessment", Journal of Electronic Imaging (ISI, Impact Factor: 2008 0.563), Vol. 16, issue 4, ISSN: 1017-9909, 2007
- 7) G. Catanuto, A. Spano, A. Pennati, G. M. Farinella, S. Spoto, G. Impoco, G. Gallo and M. B. Nava, "Curvature mapping and outcome evaluation in breast plastic and reconstructive surgery", European Journal of Surgical Oncology (ISI, Impact Factor 2008: 2.491), Volume 32, Supplement 1, Pages S69-S70, Elsevier, ISSN: 0748-7983, November 2006

#### International Journals (Submitted - Hard Copy)

- 1) S. Battiato, G. M. Farinella, M. Guarnera, G. Messina, and D. Ravi, *Red-Eyes Removal Through Cluster Based Boosting on Gray Codes*, submitted to Eurasip Journal on Image and Video Processing - an Open Access Journal - Special issue on "Emerging Methods for Color Image and Video Quality Enhancement", 2010
- 2) G. Azzaro, M. Caccamo, J.D. Ferguson, S. Battiato, G.M. Farinella, G.C. Guarnera, G. Puglisi, G. Licitra, "Objective Estimation of Body Condition Score by Modeling Cow Body Shape from Digital Images", Submission Pending Journal Dairy Science (ISI, Impact Factor 2008: 2.486)
- 3) G. M. Farinella, Sebastiano Battiato, "Scene Classification in Compressed and Constrained Domain", Submission Pending to IET Computer Vision (ISI, Impact Factor: 0.667)
- 4) S. Battiato, G. M. Farinella, G. Giuffrida, C. Sismeiro, and G. Tribulato, "Automatic Image Analysis of Persuasive Communications: The Case of Multimedia Mobile Marketing", Submission Pending to Marketing and Science

#### International Journals (Accepted - OnLine)

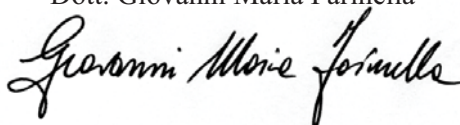
- 1) S. Battiato, G. M. Farinella, G. Gallo, D. Ravi, "Exploiting Textons Distributions on Spatial Hierarchy for Scene Classification", Accepted for publication to EURASIP Journal on Image and Video Processing, 2010S. Battiato, G. Di Blasi
- 2) G. M. Farinella, G. Gallo, G. C. Guarnera, "Adaptive Techniques for Microarray Image Analysis with Related Quality Assessment", selected for the January 1, 2008 issue of Virtual Journal of Biological Physics Research, Vol 15, Issue 1, ISSN: 1553-9628, January 1, 2008

#### National Journals (Accepted - OnLine)

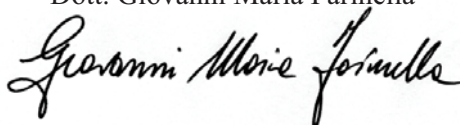
- 1) G.M. Farinella, A.M. Gueli, F. Stanco, "Automatic Recognition of Color Pigments from Raman Spectrum Analysis", Symposium on "Image Analysis Methods for Cultural Heritage", 9th Congress of SIMAI (Italian Society of Mathematics Applied to Industry), Rome, 15 to 19 September 2008 - Published on "Communications to SIMAI Congress", ISSN 1827-9015, Vol.3, 2009;

#### International Conferences (Accepted - with Proceedings e Referees)

- 1) S. Battiato, G. M. Farinella, G. C. Guarnera, G. Puglisi, G. Azzaro, M. Caccamo, Assessment of Cow's Body Condition Score Through Statistical Shape Analysis and Regression Machines, accepted for publication in proceedings of International Workshop on Applications of Pattern Analysis, 2010
- 2) S. Battiato, G. M. Farinella, M. Guarnera, G. Messina, D. Ravi, "Red-Eyes Removal Through Cluster Based Linear Discriminant Analysis", accepted for publication in proceedings of International Conference on Image Processing (ICIP) 2010
- 3) S. Battiato, G. M. Farinella, M. Guarnera, G. Messina, D. Ravi, "Boosting Gray Codes for Red Eyes Removal", accepted for publication in proceedings of International Conference on Pattern Recognition (ICPR) 2010



- 4) S. Battiato, G.M. Farinella, G.C. Guarnera, G. Puglisi, G. Azzaro, M. Caccamo, G. Licitra, J. D. Ferguson, “*Estimation of Cow’s Body Condition Score From Images*”, International Workshop on Visual observation and analysis of animal and insect behavior (VAIB) 2010- Satellite event of the 20th International Conference of Pattern Recognition, ICPR 2010
- 5) G. Azzaro, M. Caccamo, J. D. Ferguson, S. Battiato, G.M. Farinella, G.C. Guarnera, G. Puglisi, G. Licitra, “*Modeling Cow Body Shape for Objective Estimation of Body Condition Score from Digital Images*”, in Proceedings of Joint Meeting of ADSA, CSAS, and ASAS. Montreal, Quebec, Canada, 12-16 July, 2009, J. Anim. Sci. Vol. 87, E-Suppl. 2/J. Dairy Sci. Vol. 92, E-Suppl. 1, pp. 513
- 6) S. Battiato, G. M. Farinella, G. Gallo, O. Garretto, C. Privitera, “*Objective Analysis of Simple Kidney Cysts from CT Images*”, in Proceedings of IEEE International Workshop on Medical Measurements and Applications - Special Section on Image Analysis for Medical Measurements, 2009
- 7) S. Battiato, G. M. Farinella, G. Gallo, E. Messina, “*Naturalness Classification of Images into DCT Domain*”, In Proceedings of SPIE-IS&T 21th Annual Symposium Electronic Imaging Science and Technology 2009 - Digital Photography V, ISSN 0277-786X, ISBN 9780819475008, 2009
- 8) S. Battiato, G. M. Farinella, G. Gallo, D. Ravi, “*Spatial Hierarchy of Textons Distributions for Scene Classification*”, In Proceedings of International Conference on MultiMedia Modeling, Lecture Notes in Computer Science, vol. 5371, ISBN/ISSN: 978-3-540-92891-1, 2009
- 9) S. Battiato, G. M. Farinella, G. Gallo, D. Ravi, “*Scene Categorization Using Bags of Textons on Spatial Hierarchy*”, In Proceedings of IEEE International Conference on Image Processing, ISBN: 978-3-540-92891-1, ISSN: 0302-9743 (Print) 1611-3349 (Online), pp. 2536-2539, 2008
- 10) S. Battiato, G. M. Farinella, G. Gallo, G. C. Guarnera, “*Neurofuzzy Segmentation of Microarray Images*”, In Proceedings of International Conference on Pattern Recognition, ISBN: 978-1-4244-2174-9, 2008
- 11) G.M. Farinella, S. Battiato, G. Gallo, R. Cipolla, “*Natural Versus Artificial Scene Classification by Ordering Discrete Fourier Power Spectra*”, In Proceedings of 12th International Workshop on Structural and Syntactic Pattern Recognition, SSPR 2008 - Satellite event of the 19th International Conference of Pattern Recognition, ICPR 2008, Lecture Notes in Computer Science, Vol. 5342, pp.137-146, ISBN/ISSN: 0302-9743, 2008;
- 12) S. Battiato, G. M. Farinella, G. Giuffrida, C. Sismeiro, G. Tribulato, “*Combining Visual and Text Features for Learning in Multimedia Direct Marketing Domain*”, In Proceedings of 3rd International Conference on Computer Vision Theory and Applications, The First International Workshop on Metadata Mining for Image Understanding (MMIU 2008), ISBN: 978-989-8111-24-1, 22 January, 2008 - Funchal, Madeira - Portugal
- 13) S. Battiato, G. M. Farinella, G. Impoco, O. Garretto, “*Cortical Bone Classification by Local Context Analysis*”, In Proceedings of Mirage 2007: Computer Vision/Computer Graphics Collaboration Techniques and Applications, March, 28-30 2007, INRIA Rocquencourt, France - Lecture Notes in Computer Science, Springer, Vol.4418, pp.567-578, ISBN/ISSN: 978-3-540-71456-9, 2007
- 14) S. Battiato, G. M. Farinella, G. Giuffrida, G. Tribulato, “*Data Mining Learning Bootstrap Through Semantic Thumbnail Analysis*”, in proceedings of SPIE-IS&T 19th Annual Symposium Electronic Imaging Science and Technology 2007 - Multimedia Content Access: Algorithms and Systems (EI121), Vol. 6056, ISSN: 0277-768X, ISBN: 97808194666198, San Jose, California USA, 28 January–1 February, 2007
- 15) G. Catanuto, A. Spano, A. Pennati, G. M. Farinella, S. Spoto, G. Impoco, G. Gallo and M. B. Nava, “*Curvature mapping and outcome evaluation in breast plastic and reconstructive surgery*”, in proceedings of 13th Congress of the European Society of Surgical Oncology, 29 November - 2 December 2006, Venice, IT
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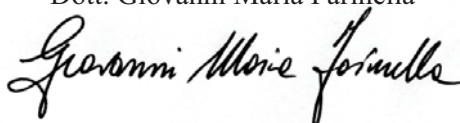
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