

Short Biography

Filippo Stanco was born in Nicosia (EN) il 12/12/1975. He is President of the Bachelor Degree program at University of Catania. He received the degree in Computer Science (summa cum laude) from the University of Catania in 1999 with a thesis titled "Automatic Learning of Graphic Pattern" and he received the Ph.D. degree in Computer Science from the University of Catania in 2003 with a thesis titled "Image Enhancement Techniques: Zooming and Super Resolution". From 2003 to 2005 he was research assistant at the University of Trieste on the project "Develop of an automatic system to restore antique photographic prints (SIRAD)" and from 2005 to 2006 he was Research Assistant at the University of Catania on "Image processing and computer graphics". From 2006 to 2014 he is Assistant Professor (INF/01) with University of Catania. Since 2014 he is Associate Professor (INF/01) with the Department of Mathematics and Computer Science, University of Catania. He is the coordinator of the "Archeomatica project" (www.archeomatica.unict.it) to develop new digital tools for the archaeological research and the preservation of Cultural Heritage. His research interests include digital restoration, zooming, super-resolution, artifacts removal, interpolation, texture and GIS.

Filippo Stanco is teacher of "Interazione e Multimedia" and "Multimedia" at University of Catania, and "Video and photo Editing" at the Academy of Fine Arts of Catania.

He is the author of the book "Fondamenti di image processing" and he has prepared the Italian version of the book "Digital Image Processing". He is editor of the book "Digital Imaging for Cultural Heritage Preservation. Analysis, Restoration and Reconstruction of Ancient Artworks", CRC Press. He is member of technical committee of the joint-lab between the STMicroelectronics and the University of Catania to research on "Image processing on Digital Devices". He is member of the center of territorial Governance of the University of Catania and of the "Centro di Archeologia Cretese" (Cretan archaeological center).

He has published more than 100 papers in International journals and conferences. He is reviewer for several international journals, and he is a senior member of IEEE.

More info are available on www.dmi.unict.it/fstanco

Education

2014 : Associate Professor, Dipartimento di Matematica e Informatica - Università di Catania (Italy)

2006 : Assistant Professor, Facoltà di Scienze MM. FF. NN. - Università di Catania (Italy)

2003: PhD, Informatica – University of Catania (Italy)

1999 : Degree in Scienze dell'Informazione (summa cum laude) – Università di Catania (Italy)

PROFESSIONAL ACTIVITIES AND MANAGEMENT

TEACHING

- **Interazione e Multimedia** (9 CFU), A.A. 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2017-18, 2018-19, 2019-20 University of Catania;
- **Multimedia** (9 CFU), A.A. 2013-2014, 2014-2015, 2015-16, 2016-17, 2017-18, 2108-19, 2019-20 University of Catania;
- **Sviluppo di Giochi Digitali - Game development** (6 CFU), A.A. 2015-2016, 2016-2017, 2017-18, 2019-20 corso di Laurea in Informatica, Università di Catania;
- **Interazione e Multimedialità** (6 CFU), A.A. 2005-2006, 2006-2007, University of Catania;
- **Introduzione ai Sistemi Informativi Territoriali - GIS** (3 CFU), A.A. 2006-2007, University of Catania;

- **Informatica** (8 CFU), A.A. 2009-2010, corso di Laurea in Tecnologie Applicate alla Conservazione ed al Restauro dei Beni Culturali, University of Catania;
- **Laboratorio di Informatica I** (3 CFU), A.A. 2006-2007, 2007-2008, 2008-2009, 2010-2011, corso di Laurea in Tecnologie Applicate alla Conservazione ed al Restauro dei Beni Culturali, University of Catania;
- **Laboratorio di Informatica II** (4 CFU), A.A. 2006-2007, 2007-2008, 2008-2009, corso di Laurea in Tecnologie Avanzate Applicate alla Conservazione ed al Restauro dei Beni Culturali, University of Catania;
- **Video e Foto Editing** (9 CFU), A.A. 2008-2009, 2009-2010, Academy of Fine Arts Catania;
- **Video e Foto Editing** (6 CFU), A.A. 2005-2006, 2006-2007, 2007-2008, 2011-2012, 2012-2013, 2013-2014 Academy of Fine Arts Catania;

INTERNATIONAL MASTER

- International Online Post-Graduate Degree; INNOVA MASTER'S DEGREE in Virtual Archaeology and Cultural Heritage (60 credits ECTS) by Virtual Archaeology International Network (INNOVA). DOCUMENTATION OF ARCHAEOLOGICAL ARTIFACTS (30 hours).
- “Scientific and Technological Cooperation between Arab Republic of Egypt and Italian Republic”, Project SACPP no. 61-12-A2, A scientific approach to the conservation of printed photos. Place: The Egyptian-Italian Center for the Conservation of Antique Photographs and Paper, Cairo, November 17-20, 2013. “Computer bases of virtual restoration” (2 hours) and “Laboratory experiences of virtual restoration” (2 or hours e).
- Teacher of “Informatics for Virtual Restoration and Digitalization” (5 CFU) at MASTER “Conservation of Antique Photographic and Paper Heritage” organized by University of Catania and University of Helwan. A.A. 2015/2016, Cairo, Egitto, 1 - 10 ottobre 2015.

Publications

BOOKS

- [1] S. Battiato, F. Stanco, “*Fondamenti di Image Processing*”, Argolibri edizioni, ISBN 88-88659-49-8, 2006.
- [2] R.C. Gonzalez, R.E. Woods - *Elaborazione delle Immagini Digitali*– Versione italiana a cura di S. Battiato e F. Stanco, Terza edizione, Pearson Italia, ISBN 978-88-7192-506-6, 2008.
- [3] G. Gallo, V. La Rosa, F. Stanco, D. Tanasi (eds.), *Radamante al computer. Archeologia e informatica nel mondo minoico: l'esperienza catanese*. Regione Siciliana, ISBN: 978-88-905786-0-1, febbraio 2011.
- [4] F. Stanco, S. Battiato, G. Gallo, “*DIGITAL IMAGING FOR CULTURAL HERITAGE PRESERVATION. Analysis, Restoration and Reconstruction of Ancient Artworks*”, CRC Press, ISBN: 978-1-4398217-3-2; 2011.

CHAPTERS

- [1] R.M. Pidotella, F. Stanco, C. Santaera, “*Eno/Weno Interpolation Methods for Zooming of Digital Images*”. In Applied and Industrial Mathematics in Italy (Vol. II). Series on Advances in Mathematics for Applied Sciences: Volume 75, World Scientific, ISBN 978-981-270-938-7, pp. 480-491, 2007;
- [2] F. Stanco, D. Tanasi, *Il 3d modeling in archeologia: il caso della Montagna di Polizzello*, in R. Panvini, C. Guzzone, D. Palermo (eds.), Scavi del 2004 nell'area del santuario arcaico dell'acropoli, Viterbo 2009, BetaGamma, pp. 315-320. ISBN: 978-88-6164-132-7.
- [3] F. Stanco, G. Ramponi, A. Restrepo - *Virtual Restoration of Antique Books and Photographs* – In F. Stanco, S. Battiato, G. Gallo, “*DIGITAL IMAGING FOR CULTURAL HERITAGE PRESERVATION. Analysis, Restoration and Reconstruction of Ancient Artworks*”, CRC Press, ISBN: 978-1-4398217-3-2, pp. 263-298, 2011;
- [4] F. Stanco, D. Tanasi - *Experiencing the Past. Computer Graphics in Archaeology* – In F. Stanco, S. Battiato, G. Gallo, “*DIGITAL IMAGING FOR CULTURAL HERITAGE PRESERVATION. Analysis, Restoration and Reconstruction of Ancient Artworks*”, CRC Press, ISBN: 978-1-4398217-3-2, pp. 1-36, 2011;
- [5] F. Stanco, D. Tanasi, G. C. Guarnera, G. Gallo - *Automatic classification of decorative patterns in the Minoan pottery of Kamares style* – In C. Papaodysseus, “*Pattern Recognition and Signal Processing in*

Archaeometry: Mathematical and Computational Solutions for Archaeology”, IGI Global, DOI: 10.4018/978-1-60960-786-9, ISBN13: 9781609607869, ISBN10: 1609607864, EISBN13: 9781609607876, pp. 186-211, 2011;

[6] F. Stanco, D. Tanasi, G. C. Guarnera, G. Gallo, “Classification of decorative patterns in Kamares pottery”. In G. Gallo, V. La Rosa, F. Stanco, D. Tanasi (eds.), *Radamante al computer. Archeologia e informatica nel mondo minoico: l’esperienza catanese*. Regione Siciliana, ISBN: 978-88-905786-0-1, pp. 19-50, febbraio 2011.

[7] F. Stanco, D. Tanasi, “Experiencing the past: computer graphics in archaeology”. In G. Gallo, V. La Rosa, F. Stanco, D. Tanasi (eds.), *Radamante al computer. Archeologia e informatica nel mondo minoico: l’esperienza catanese*. Regione Siciliana, ISBN: 978-88-905786-0-1, pp. 51-88, febbraio 2011.

[8] F. Stanco, D. Tanasi, S. Privitera, “The virtual model of the VAP house at Ayia Triada”. In G. Gallo, V. La Rosa, F. Stanco, D. Tanasi (eds.), *Radamante al computer. Archeologia e informatica nel mondo minoico: l’esperienza catanese*. Regione Siciliana, ISBN: 978-88-905786-0-1, pp. 125-136, febbraio 2011

[9] F. Stanco, D. Tanasi, D. Cultrera, “Virtual reconstruction of the Borg in-Nadur megalithic temple”, Davide Tanasi and Nicholas C. Vella (eds), *Site, artefacts and landscape - Prehistoric Borg in-Nadur, Malta*, pp. 393-412 ©2011 Polimetrica International, Scientific Publisher Monza/Italy, ISBN 978-88-7699-223-0, ISSN 1974-6040 (including DVD)

[10] F. Stanco, G. Ramponi, S. Carrato, D. Allegra, F.L.M. Milotta, “Virtual Restoration Techniques of Antique Photographs”, Mona Fouad Ali, Enrico Ciliberto, and Maha Ali (Editors), “Photographic Conservation”, in press.

[11] Dario Allegra, Giovanni Gallo, Laura Inzerillo, Marcella Lombardo, Filippo L. M. Milotta, Cettina Santagati and Filippo Stanco. "Hand Held 3D Scanning for Cultural Heritage: Experimenting Low Cost Structure Sensor Scan." In *Handbook of Research on Emerging Technologies for Architectural and Archaeological Heritage*, ed. Alfonso Ippolito, IGI Global, 475-499 (2017), 2016. doi:10.4018/978-1-5225-0675-1.ch016

[12] D. Allegra, F. Di Paola, F.L.M. Milotta, F. Stanco, “Un approccio multidisciplinare per lo studio el tesoro degli argenti di Morgantina”, Chapter in “Morgantina Duemilaquindici. La ricerca archeologica a sessanta’anni dall’avvio degli scavi” a cura di Laura Maniscalco, Palermo, Regione Siciliana, Assessorato dei Beni Culturali e dell’Identità Siciliana, Dipartimento dei Beni Culturali e dell’Identità Siciliana, 2015. ISBN: 978-88-6164-288-1, (pp. 159-166). Catania: Tera Print srl

CO-EDIZIONI DI PROCEEDINGS

[1] G. Gallo, S. Battiato, F. Stanco – Proceedings of Fourth Conference Eurographics Italian Chapter – ISBN 3-905673-58-4 – Catania, febbraio 2006;

[2] A.M. Gueli, F. Stanco, G. Stella – Proceedings of Quinto Congresso Annuale di Archeometria: Scienza e Beni Culturali – Siracusa, 26-29 febbraio 2008.

[3] F. Stanco, G. Gallo, (eds.) Proceedings of ArchoFOSS, Free, libre and open source software e open format nei processi di ricerca archeologica: VIII Edizione Catania 2013 edited by Filippo Stanco e Giovanni Gallo, 274 pages. ISBN 9781784912598, Archaeopress 2016.

[4] G. Pintore, F. Stanco, “Smart Tools and Apps for Graphics - Eurographics Italian Chapter Conference 2016”, Eurographics Association, 2016, ISBN 978-3-03868-026-0.

[5] Lecture Notes in Computer Science 10484, Proceedings of Image Analysis and Processing - ICIAP 2017 19th International Conference, Catania, Italy, September 11–15, 2017, Part I, ISSN 0302-9743 ISSN 1611-3349 (electronic), ISBN 978-3-319-68559-5, ISBN 978-3-319-68560-1 (eBook), <https://doi.org/10.1007/978-3-319-68560-1>

[6] Lecture Notes in Computer Science 10485, Proceedings of Image Analysis and Processing - ICIAP 2017 19th International Conference, Catania, Italy, September 11–15, 2017, , Part II, ISSN 0302-9743 ISSN 1611-3349 (electronic), ISBN 978-3-319-68547-2, ISBN 978-3-319-68548-9 (eBook), <https://doi.org/10.1007/978-3-319-68548-9>.

[7] A. Giachetti, P. Pingi and F. Stanco (Editors) proceedings of STAG 2017, Smart Tools and Applications in computer Graphics, Eurographics Italian Chapter Conference, Catania – Italy, September 11 – 12, 2017, ISBN 978-3-03868-048-2, DOI: 10.2312/stag.201720

JOURNAL

[1] S. Battiato, G. Gallo, F. Stanco - *A Locally-Adaptive Zooming Algorithm for Digital Images* – Elsevier Science Inc. - Image and Vision Computing Journal, ISSN 0262-8856, vol. 20, Issue 11, pp. 805/812 – settembre 2002, (ISI Impact Factor: 1,029);

[2] S. Battiato, G. Gallo, G. Impoco, F. Stanco - *An Efficient Re-indexing Algorithm for Colour-Mapped Images*. IEEE Transactions on Image Processing, ISSN 1057-7149, vol. 13, n. 11, pp. 1419-1423, novembre 2004, (ISI Impact Factor: 2,011);

- [3] F. Stanco, L. Tenze, G. Ramponi – *Virtual Restoration of Vintage Photographic Prints Affected by Foxing and Water Blotches*. SPIE JEI Journal of Electronic Imaging, ISSN 1017-9909, October - Volume 14, Issue 4- dicembre 2005, (ISI Impact Factor: 0,878);
- [4] S. Battiato, F. Stanco – Digital Restoration for Antique Documents – In proceedings of VIII SIMAI Conference, Sampieri (RG), 22-26 maggio 2006, published on “Communications to SIMAI Conferences”, ISSN 1827 – 9015;
- [5] S. Battiato, L. Rizzo, F. Stanco, S. Cafiso, A. Di Graziano - Pavement Surface Distress by Using Non-linear Image Analysis Techniques - In proceedings of VIII SIMAI Conference, Sampieri (RG), 22-26 maggio 2006, published on “Communications to SIMAI Conferences”, vol. 2, 2007. ISSN 1827 – 9015;
- [6] R.M. Pidotella, F. Stanco, C. Santaera - *ENO/WENO Interpolation methods for the zooming of digital images* -In proceedings of VIII SIMAI Conference, Sampieri (RG), 22-26 maggio 2006, published on “Communications to SIMAI Conferences”, ISSN 1827 – 9015;
- [7] F. Stanco, L. Tenze, G. Ramponi – *A Technique to Correct Yellowing and Foxing in Antique Books*. IET Image Processing 2007. ISSN: 1751-9659, Vol 1, n. 2, pp. 123-133, giugno 2007, (ISI Impact Factor 2006: 0,461);
- [8] S. Battiato, F. Rundo, F. Stanco - *Self Organizing Motor Maps for Colour Mapped Image Re-indexing* – IEEE Transactions on Image Processing, ISSN 1057-7449, Vol. 16, Issue 12, pp. 2905-2915 – dicembre 2007 (ISI Impact Factor 2006: 2,701);
- [9] G.M. Farinella, A.M. Gueli, F. Stanco - *Automatic Recognition of Color Pigments from Raman Spectrum Analysis* – In proceedings of 9th Congress of SIMAI (Italian Society of Mathematics Applied to Industry), Symposium “Image Analysis Methods for Cultural Heritage”, Roma, 15 - 19 settembre 2008, published in “Communication to SIMAI congress”, ISSN 1827-9015, Vol. 3, pp. 211-221, 2009;
- [10] G. Gallo, F. Milanese, E. Sangregorio, F. Stanco, D. Tanasi, L. Truppia – *Coming back home. The virtual model of the Asclepius roman statue from the Museum of Syracuse (Italy)* – Virtual Archaeology Review, Vol. 1, Issue 2, May 2010, ISSN 1989-9947, pp. 93-97;
- [11] L. Arcifa, D. Calì, A. Patanè, F. Stanco, D. Tanasi, L. Truppia - *Laserscanning and 3D Modelling Techniques in Urban Archaeology: the Excavation of ‘St. Agata al Carcere’ Church in Catania*. Virtual Archaeology Review, Vol. 1, Issue 2, May 2010, ISSN 1989-9947, pp. 44-48;
- [12] F. Stanco, D. Tanasi, G. Gallo - *Digital Reconstruction of Fragmented Glass Plate Photographs: the Case of Archaeological Photography* – Communications in Applied and Industrial Mathematics, ISSN 2038-0909, 2011.
- [13] F. Stanco, D. Tanasi, G. Gallo – Virtual Restoration of Fragmented Glass Plate Photographs of Archaeological Repertoires - Virtual Archaeology Review, Vol. 2, Issue 03, May 2011, pp. 141-144, ISSN: 1989-9947.
- [14] F. Stanco, D. Tanasi, G. Gallo, M. Buffa, B. Basile - *Augmented Perception of the Past. The Case of Hellenistic Syracuse* - Special Issue on Recent Achievements in Multimedia for Cultural Heritage in Journal of Multimedia Guest Editors: Rita Cucchiara and Costantino Grana Vol 7, No 2, May 2012, pp. 211-216 (JMM, ISSN 1796-2048).
- [15] F. Stanco, D. Tanasi - *Virtual Acropolis. Digital recreation of a Sicilian Archaic sanctuary* - Virtual Archaeology Review, Vol. 3, Issue 5, May 2012, ISSN 1989-9947, pp. 126-130;
- [16] F. Stanco, “Frammenti di storia. Il riconoscimento automatico dei motivi decorativi della ceramica Kamares”. *Archeomatica*, ISSN: 2037-2485, settembre 2012, pp. 6-9;
- [17] F. Stanco, D. Tanasi, “Beyond Virtual Replicas. 3D Modelling and Maltese Prehistoric Architecture”, in Journal of Electrical and Computer Engineering, Hindawi Publishing Corporation, Volume 2013, Article ID 430905, DOI: <http://dx.doi.org/10.1155/2013/430905>, - issn: 2090-0147, pp. 1-7;
- [18] F. Stanco, D. Allegra, F.L.M. Milotta, “Tracking Error in Digitized Analog Video. Automatic Detection and Correction” – Multimedia Tools and Applications, special issue on Multimedia for Cultural Heritage, DOI: 10.1007/s11042-014-2068-1, Multimedia Tools and Applications, Volume 75, Issue 7, pp 3733-3746, 2016.
- [19] G. Puglisi, F. Stanco, G. Barone, P. Mazzoleni, “Automatic Extraction of Petrographic Features from Pottery of Archaeological Interest”, *ACM Journal on Computing and Cultural Heritage*, ISSN: 1556-4673, doi: <http://dx.doi.org/10.1145/2700422>, 2014.
- [20] D. Allegra, E. Ciliberto, P. Ciliberto, G. Petrillo, F. Stanco, C. Trombatore. “X-ray Computed Tomography for virtually unrolling damaged papyri”. *Applied Physics A*, March 2016, volume 122(3), pages 1-7, ISSN: 09478396, DOI 10.1007/s00339-016-9796-1, 2016
- [21] G. M. Farinella, D. Allegra, M. Moltisanti, F. Stanco, S. Battiato. "Retrieval and Classification of Food Images", *Computers in Biology and Medicine*, Volume 77, 1 October 2016, Pages 23-39, ISSN: 00104825, DOI: 10.1016/j.compbiomed.2016.07.006 , 2016.
- [22] Maria Francesca Alberghina, Filippo Alberghina, Dario Allegra, Francesco Di Paola, Laura Maniscalco, Giuseppe Milazzo, Filippo Luigi Maria Milotta, Lorella Pellegrino, Salvatore Schiavone, Filippo Stanco. “Integrated three-dimensional models for noninvasive monitoring and valorization of the Morgantina silver treasure (Sicily)” *SPIE, JEI Journal of Electronic Imaging - Special Section on Image Processing for Cultural Heritage* ISSN: 1017-9909, 26(1), 011015 (2017), doi: 10.1117/1.JEI.26.1.011015, 2017;
- [23] Filippo Stanco, Davide Tanasi, Dario Allegra, Filippo Milotta, Gioconda Lamagna, Giuseppina Monterosso, “Virtual anastylosis of Greek sculpture as museum policy for public outreach and cognitive

- accessibility”, SPIE JEI Journal of Electronic Imaging - Special Section on Image Processing for Cultural Heritage ISSN: 1017-9909, 26(1), 011025 (2017), doi: 10.1117/1.JEI.26.1.011025, 2017
- [24] Chetouani, A., Erdmann, R., Picard, D., Stanco, F., “Special Section Guest Editorial: Image Processing for Cultural Heritage”, SPIE JEI Journal of Electronic Imaging - Special Section on Image Processing for Cultural Heritage ISSN: 1017-9909, 26(1), 011001 (2017), doi: 10.1117/1.JEI.26.1.011001, 2017
- [25] Giuseppe Catanuto, Wafa Taher, Nicola Rocco, Francesca Catalano, Dario Allegra, Filippo Milotta, Filippo Stanco, Giovanni Gallo, Maurizio Bruno Nava. "Breast Shape Analysis with Curvature Estimates and Principal Component Analysis for Cosmetic and Reconstructive Breast Surgery" *Aesthetic Surgery Journal* - ISSN: 1527330X, DOI: 10.1093/asj/sjy070, Volume 39, Issue 2, 17 January 2019, Pages 164-173.
- [26] Rundo, F., Conoci, S., Banna, G.L., Ortis, A., Stanco, F., Battiato, S., “Evaluation of Levenberg-Marquardt neural networks and stacked autoencoders clustering for skin lesion analysis, screening and follow-up” (2018) *IET Computer Vision*, 12 (7), pp. 957-962. DOI: 10.1049/iet-cvi.2018.5195, ISSN: 17519632.
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- [28] Milotta, F.L.M., Stanco, F., Tanasi, D., Gueli, A.M., “Munsell Color Specification using ARCA (Automatic Recognition of Color for Archaeology)” (2018) *Journal on Computing and Cultural Heritage*, 11 (4), art. no. 17, DOI: 10.1145/3216463, ISSN: 15564673.
- [29] Milotta, F.L.M., Tanasi, D., Stanco, F., Pasquale, S., Stella, G., Gueli, A.M., “Automatic color classification via Munsell system for archaeology” (2018) *Color Research and Application*, 43 (6), pp. 929-938. DOI: 10.1002/col.22277. ISSN: 03612317.

CONFERENCES (con Proceedings e Referees)

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- [2] S. Battiato, G. Gallo, F. Stanco - *A New Edge-Adaptive Zooming Algorithm for Digital Images* - In Proceedings of IASTED Signal Processing and Communications SPC 2000 - pp. 144-149, Marbella, Spagna, ACTA Press ISBN: 0-88986-396-6 - Settembre 2000;
- [3] S. Battiato, G. Gallo, G. Impoco, F. Stanco - *A Color Reindexing Algorithm for Lossless Compression of Digital Images* - In Proceedings of IEEE Spring Conference on Computer Graphic SCCG 2001 - pp. 104-108, Budmerice, Slovacchia - Aprile 2001, ISBN: 0-7695-1215-1, DOI: 10.1109/SCCG.2001.945344,
- [4] N. Alessi, S. Battiato, G. Gallo, M. Mancuso, F. Stanco - *Automatic Discrimination of Text Images* – In Proceedings of SPIE Electronic Imaging 2003 - Sensors, Cameras, and Applications for Digital Photography, Editor(s): Morley M. Blouke; Nitin Sampat; Nitin Sampat; Ricardo J. Motta; Ricardo J. Motta, Vol. 5017B-40, pp. 7-15, Santa Clara, CA USA, ISBN 9780819448170, 2003;
- [5] S. Battiato, G. Gallo, M. Mancuso, G. Messina, F. Stanco - *Analysis and Characterization of Super-Resolution Reconstruction Methods* – In Proceedings of SPIE Electronic Imaging 2003 - Sensors, Cameras, and Applications for Digital Photography, Editor(s): Morley M. Blouke; Nitin Sampat; Nitin Sampat; Ricardo J. Motta; Ricardo J. Motta, Vol. 5017B-37, pp. 1-7, Santa Clara, CA USA, ISBN 9780819448170, 2003;
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- [7] S. Battiato, G. Gallo, F. Stanco - *Smart Interpolation by Anisotropic Diffusion* – 12th International Conference on Image Analysis and Processing (ICIAP 2003), 17-19 September 2003, Mantova, Italy. IEEE Computer Society 2003, ISBN 0-7695-1948-2, pp. 572-577;
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- [9] F. Stanco, G. Ramponi, L. Tenze – *Removal of Semi-Transparent Blotches in Old Photographic Prints* – In proceedings of 5th COST 276 Workshop , pp. 25-29 – Praga, Repubblica Ceca – Ottobre 2003;
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- [12] S. Battiato, G. Di Blasi, G. Gallo, A. Lo Giuoco, M. Madonia, S. Nicotra, F. Stanco – *Digital Image Analysis and Enhancement* - In Proceedings of II Convegno del Gruppo Italiano Ricercatori in m GIRPR 2004 – Perugia, Italia – Settembre 2004;
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- [14] F. Stanco, L. Tenze, A. De Rosa – *An Improved Method for Water Blotches Detection and Restoration* – ISSPIT 2004: proceedings of the Fourth International Symposium on Signal Processing and Information Technology: December 18-21, 2004, Rome, Italy, IEEE Publisher: Piscataway, NJ, ISBN: 0780386892 DDC: 621.3822, pp 457-460
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- [16] F. Stanco, G. Ramponi - *Detection of Water Blotches in Antique Documents* – In Proceedings of 8th COST 276 Workshop - Trondheim, Norvegia - Maggio 2005;
- [17] V. Bruni, A. Crawford, D. Vitulano, F. Stanco – *Visibility Based Detection and Removal of Semi-Transparent Blotches on Archived Documents* – Alpeh Ranchordas, Helder Araújo, Bruno Encarnação (Eds.): VISAPP 2006: Proceedings of the First International Conference on Computer Vision Theory and Applications, 2 Volumes, Setúbal, Portugal, February 25-28, 2006. INSTICC - Institute for Systems and Technologies of Information, Control and Communication 2006, ISBN 972-8865-40-6;
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