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Curriculum Vitae



Alessandro Rizzi

Full Professor

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Fellowships and Awards

September 2015

Davies Medal from the Royal Photographic Society, "for significant contributions in the digital field of imaging science"

February 2015

Society for Imaging Science and Technology (IS&T) Fellow.

April 2012

Charles E. Ives Journal Award, best IS&T paper 2012, to Ø. Kolås, I. Farup, A. Rizzi, "Spatio-Temporal Retinex-Inspired Envelope with Stochastic Sampling: A Framework for Spatial Color Algorithms" Journal of Imaging Science and Technology, 55(4), 2011.

Direction and coordination roles, Advisory Boards

2015-today

Head of the lab "MIPS, Multimedia, Interaction, Perception and Social", Dipartimento di Informatica, Università degli Studi di Milano.

2012-today

Board member of the Italian Color Group (Gruppo del Colore – Associazione Italiana Colore) <http://www.gruppodelcolore.it/>.

2021-today

Scientific Co-Director of the IFTS course "Tecnico del colore per l'Industria Cosmetica" (Color Expert for the Cosmetic Industry) with Poliestetico di Milano.

2020-2023

Scientific Co-Director of the IFTS course "Multimedia Specialist for Web and Mobile Digital Communication" with Fondazione Clerici (Milano).

2016-2021

Co-Director of of Master in Color Design & Technology by Politecnico di Milano and Gruppo del Colore.

2018-2020

External examiner of Master of Science in Interactive Media, Faculty of Science, University of Cork (Ireland).

2017

Director of the course "Color correction e post-production for AV", funded by SIAE.

2014- 2015

CIE (International Commission on Illumination) Division 8 (Imaging) Secretary.

2012-2014

Vice-President of IS&T, Society for Imaging Science and Technology.

2012-2013

Co-Director of Master in Color Design & Technology by Università degli Studi di Milano and Politecnico di Milano.

2012-2015

Head of the lab "Perception, Human factors and Technologies" (PHT), Dipartimento di Informatica, Università degli Studi di Milano.

2007-2008

Board member of SIOF (Società Italiana di Ottica e Fotonica).

2005-2009

Coordinator of the Italian Color Group (Gruppo del Colore - SIOF).

2002-2010

Head of the lab "GIC Graphic, Imaging and Color" (GIC), Dipartimento di Tecnologie dell'Informazione, Università degli Studi di Milano.

University internal roles

2024-Today

Member of "commissione Paritetica" for the bachelor in "Computer Science for Digital Communication", department of Computer Science at Università degli Studi di Milano.

2019-today

Member of the board of APICE (Archivi della Parola, della Immagine e della Comunicazione Editoriale), Università degli Studi di Milano, <https://www.apice.unimi.it/>.

2015-today

Member of the teaching commission for the Bachelor "Scienze e Tecnologie per la Conservazione e la Diagnostica dei Beni Culturali" (Science and Technology for Cultural Heritage Diagnostic and Conservation), Università degli Studi di Milano.

2011-Today

Member of scientific committee of the PhD school in computer science at Università degli Studi di Milano.

2016-2019

President of the teaching commission of the Department of Computer Science, Università degli Studi di Milano.

2012-2016

Coordinator of the Bachelor "Informatica per la Comunicazione Digitale" (Computer Science for Digital Communication), Department of Computer Science, Università degli Studi di Milano.

2003- 2004

Scientific Coordinator of FSE European community courses, area Multimedia, at Dipartimento di Tecnologie dell'Informazione, Università degli Studi di Milano.

2002-2003

Coordinator of FSE European community courses, area Multimedia, at Dipartimento di Tecnologie dell'Informazione, Università degli Studi di Milano.

University Course Teachings

- 2022-today Informatics (for Pediatric Surgery), Università di Milano
- 2018-today Movie restoration, Università di Milano
- 2017-today Multimedia project, Università di Milano
- 2015-today Colorimetry and Color Management for Cultural Heritage, Università di Milano
- 2020-2021 Digital supports, Centro Sperimentale di Cinematografia, Roma
- 2010-2017 Fundamentals of Digital Imaging, Università di Milano
- 2001-2016 Human-Computer Interaction, Università di Milano
- 2011-2015 Multimedia Video, Università di Milano
- 2012-2013 Multimedia Publishing, Università di Milano
- 2006-2011 Multimedia Lab II, Università di Milano
- 2003-2008 Multimedia Publishing, Università di Milano
- 2002-2003 Programming Language Concepts, Università di Milano
- 1999-2002 Visual Communication, Politecnico di Milano
- 1998-2000 Computer Graphic, Politecnico di Milano
- 1994-1996 Information Systems, Università di Brescia

Research Projects and grants

2023-2025

Leader in PRIN project: Game4CED - Gamification for color blindness early detection (123keuro)

2023-2025

Unity leader in PRIN project: REMUSIT-REinventing Industrial MUSEums for a new image of Italy (100keuro)

2023-2025

Partner in PRIN project: CHROMA(Bio)_Spectral reflectance profiles of colored subaerial biofilms as indicators of stone heritage susceptibility to biodeterioration (38keuro)

2022-2024

Research project with Ministry of Defense, on "Screening del daltonismo per profili operativi complessi: studio e analisi di nuove metodologie per tecniche di diagnostica alternative" (color deficiencies screening in complex tasks: novel methodologies and alternative diagnostic approaches) (25keuro)

2022

Industrial research on "colorimetry and color control in beauty applications." (continuation) for Universal Beauty Products srl (6keuro)

2019-2021

Partner in ERC Advanced Grants 2018 "AN-ICON – An-Iconology: History, Theory, and Practices of Environmental Images", H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC), (2.328.736 euro).

2019-2021

Research project "CHROMA - chromatic properties of subaerial biofilms as potential indicators of stone heritage decay" SEED call UniMi (30keuro).

2020

Industrial research on "colorimetry and color control in beauty applications." (continuation) for Universal Beauty Products srl (6keuro)

2019

Research project "Aspetti Umani nella Fruizione di Video, Immagini, e Grafica" PSR call UniMi (9keuro).

2019

Industrial research on "colorimetry and color control in beauty applications." (continuation) for Universal Beauty Products srl (2keuro)

2018

Industrial research on "colorimetry and color control in beauty applications." for Universal Beauty Products srl (6keuro)

January 2016 – December 2019

Research project SPACE – IoT Sistema di Produzione Adattiva per la Creazione e produzione interattiva, tailor-made, di serramenti ed arredi, integrato in una meta manifattura lombarda ad alta Efficienza e IoT(416keuro).

April 2017 – December 2017

Course in Color correction and color grading, project SIAE: Residenze artistiche e formazione, settore "Cinema"(56 keuro).

2016

Industrial research on "usability interfaces." (2nd part) for INMM srl (20keuro)

December 2015 – December 2016

Research project with Barco Fimi, "Improve visibility of images in surgical endoscopic video chain (45 keuro).

October 2015 – May 2016

Research in Pairs project "Variational Models for Retinex Paths (VaMoS)" in collaboration with Fondazione Bruno Kessler (Trento) and Università degli Studi di Trento.

October 2014 – September 2015

Research project "Indagine sulle variazioni locali dell'indice di resa cromatica e approcci per sue possibili modificazioni" in collaboration with ENEA (Ente Nazionale Energie Alternative), "Risparmio di energia elettrica nei settori: civile, industria e servizi" (15keuro)

2014

Industrial research on "usability interfaces." for INMM srl (24keuro)

September 2013 - August 2014

Research project "Analisi dell'influenza dei fattori contestuali sulla resa cromatica delle sorgenti di luce" in collaboration with ENEA (Ente Nazionale Energie Alternative), "Risparmio di energia elettrica nei settori: civile, industria e servizi" (15keuro)

August 2013 - November 2014

Research project with Barco NV (Belgium) Perceptual aspects in 3D visualization and calibration for Stereoscopic Displays (26keuro)

July 2013 - November 2013

Research project with Barco NV (Belgium) Evaluation of perceptual limits and characteristics in the visualization of high dynamic range images on high dynamic range displays (44keuro)

September 2012 - August 2013

Research project Metodi sperimentali per la quantificazione dell'indice di resa cromatica di una sorgente luminosa e studio di approcci computazionali alternativi di tipo percettivo in collaboration with ENEA (Ente Nazionale Energie Alternative), "Risparmio di energia elettrica nei settori: civile, industria e servizi" (15keuro)

2013

Industrial research on "web usability analysis." for Grafiche Rekord (3keuro)

September 2012 – June 2014
Research project Smart-k, Regione Lombardia ID 30223187 (288 keuro).

2012
Industrial research on Image enhancement and management for web Innovative and alternative methods for image display for the web (30 keuro).

2012 - 2017
Framework agreement with Barco NV (Belgium) for scientific research on methods in medical imaging.

October 2011 - September 2012
Research project Metodi qualitativi e quantitativi per la determinazione dei parametri di qualità visiva relativi alla percezione di colore e contrasto nella scenain collaboration with ENEA (Ente Nazionale Energie Alternative), "Innovazione nella illuminazione pubblica: nuove tecnologie ed integrazione smart con altre reti di servizi energetici" (50keuro)

October 2010- September 2011
Research project Aspetti fisiologici, percettivi e di misura della luminosità e del contrasto percepiti e sue relazioni con gli indici di resa cromatica e di efficienza di illuminazione in collaboration with ENEA (Ente Nazionale Energie Alternative) , "Tecnologie per il risparmio elettrico nell'illuminazione pubblica" (48keuro).

2007-2010
Leader for Italy in the CREATE project (Colour Research for European Advanced Technology Employment), MSCF-CT-2006-045963, FP6 European Community Marie Curie Conferences and Training Courses Project (overall 500keuro) <http://www.create.uwe.ac.uk/>

2008-2010
National research grant COFIN 2007, "Computational models of visual perception in natural and artificial contexts" (25 keuro).

2005-2009
Partner in Virtual Reality and Human Factors Applications for Improving Safety (VIRTHUALIS), FP6 European Community Integrated Project (> 400 keuro).

2005-2007
National research grant COFIN 2005, "Advanced computational models of visual perception for multispectral and spectrophotometric high dynamic range images." (44 keuro).

2002-2004
Partner in the national research grant COFIN 2002, "Psycho-Physical and Computational Modelization of Color Perception in Context" (45 keuro).

1999-2000
Partner in the national research grant, "Interdata: tecniche e metodi per integrazione e analisi di informazioni da sorgenti multiple ed eterogenee", MURST ex 40%.

Editorial Boards

2022-today
Senior Editor of Color Research and Applications (Wiley).

2015-today
Associate Editor for Journal of Electronic Imaging.

2015-today
Member of the editorial board, of journal SCIRES-IT (SCientific RESearch and Information Technology).

2014-today
Associate Editor of Color Culture and Science, Journal of Associazione Italiana Colore (Italian Color Group), ISSN: 2384-9568, DOI: 10.23738/CCSJ.00.

2012-today

Member of the editorial board, of journal of the International Colour Association (Journal of AIC)

2016-2022

Topical Editor (Applied Color Science) for Journal of Optical Society of America A.

2018-2022

Deputy Editor in chief of Color Culture and Science, Journal of Associazione Italiana Colore (Italian Color Group), ISSN: 2384-9568, DOI: 10.23738/CCSJ.00.

2011-2016

Associate Editor for Optical Engineering.

2011-2014

Member of the editorial board of ISRN Machine Vision

2010-2011

Member of the editorial and scientific panel, of Colour: Design & Creativity, online journal from the Society of Dyers and Colourists (SDC)

2002-2004

Member of the editorial board of DDD Disegno e Design Digitale, Poli-Design (Politecnico di Milano).

General Chairs and Conference Organization

General chairman of “Color Imaging XIX: Displaying, Hardcopy, Processing and Applications” in IS&T Electronic Imaging, San Francisco (USA), 21-25 January 2024.

General chairman of “Color Imaging XXVIII: Displaying, Hardcopy, Processing and Applications” in IS&T Electronic Imaging, San Francisco (USA), 15-19 January 2023.

Regional chairman for Italy of ICDIP 2022 - 14th International Conference on Digital Image Processing, May 20-23 2022, Wuhan (China).

General chairman of “Color Imaging XXVII: Displaying, Hardcopy, Processing and Applications” in IS&T Electronic Imaging, online, January 2022.

General chairman of AIC2021 - 14th AIC Congress Milano 2021, August 30th– September 3rd 2021, online.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XXVI” in IS&T Electronic Imaging, online, January 2021.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XXV” in IS&T Electronic Imaging, San Francisco, California (USA), 26-30 January 2020.

Conference chairman of “Symposium on GeometryProcessing 2019”, Milano (Italy), 8-10 July 2019.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XXIV” in IS&T Electronic Imaging, San Francisco, California (USA), 13-17 January 2019.

Organizer of the workshop “Scientists improving their role in heritage conservation community”, Università degli Studi di Milano, 4 Ottobre 2018.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XXIII” in IS&T Electronic Imaging, San Francisco, California (USA), January-February 2018.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XXII” in IS&T Electronic Imaging, San Francisco, California (USA), February 2017.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XXI” in IS&T Electronic Imaging, San Francisco, California (USA), February 2016.

Conference chairman of “Color Imaging: Processing, Hardcopy, and Applications XX” in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), February 2015.

Co-organizer of the workshop "From Image Processing to Visual Neuroscience through the Retinex Theory of Color", Color and Imaging Conference (CIC22), Boston (USA), 7 November 2014.

Conference chairman of "Color Imaging: Processing, Hardcopy, and Applications XIX" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), February 2014.

Co-organizer of the workshop "Chroma – workshop on color image in motion pictures and media", Università degli Studi di Firenze, plesso didattico di Santa Verdiana, 18 September 2013.

Conference chairman of "Color Imaging: Processing, Hardcopy, and Applications XVIII" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), February 2013.

Conference chairman of "Color Imaging: Processing, Hardcopy, and Applications XVII" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), January 2012.

Organizer of the workshop "HDR imaging and Spatial Color Algorithms", at the Norwegian Color Research Laboratory at HiG (Gjøvik University College), June 23rd 2011.

Conference chairman of "Color Imaging: Processing, Hardcopy, and Applications XVI" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), January 2011.

Organizer of the workshop "Investigating visual issues in image processing using EEG", at the Norwegian Color Research Laboratory at HiG (Gjøvik University College), November 26th 2010.

Colour Science chair of CGIV2010/MCS'10 the Fifth European Conference on Colour in Graphics, Imaging, and Vision and the 12th International Symposium on Multispectral Colour Science 14-18 June, 2010, Joensuu, Finland.

Conference chairman of "Color Imaging: Processing, Hardcopy, and Applications XV" in SPIE/IS&T Electronic Imaging, S. Jose, California (USA), January 2010.

Organizer of the workshop "Innovative approaches for colour digital movie restoration", at the Norwegian Color Research Laboratory at HiG (Gjøvik University College), December 1st, 2009.

Co-general chairman of "Quinta Conferenza nazionale del Gruppo del Colore" (SIOF), 7-9 October 2009, Palermo (Italy).

Co-general chairman of the Gjøvik Color Imaging Symposium 2009, June 19th. Theme of the year: "Putting human vision into image processing and evaluation".

Conference chairman of "Color Imaging: Processing, Hardcopy, and Applications XIV" in SPIE/IS&T Electronic Imaging, S. Jose, California (USA), January 2009.

Organizer of the workshop "Dynamic range of light, contrast and perception in digital images", at the Norwegian Color Research Laboratory at HiG (Gjøvik University College), November 26th, 2008.

Co-general chairman of "Quarta Conferenza nazionale del Gruppo del Colore" (4th annual meeting Italian Color Group - SIOF), September 17-19, 2008, Como (Italy).

Organizer of the workshop "Vision, Imaging and Eye Movements" at the Norwegian Color Research Laboratory at HiG (Gjøvik University College), April 30th 2008.

Co-general chairman of "Terza Conferenza nazionale del Gruppo del Colore" (3rd annual meeting Italian Color Group - SIOF), October 24-26, 2007, Torino (Italy)

Co-general chairman of "Seconda Conferenza nazionale del Gruppo del Colore" (2nd annual meeting Italian Color Group - SIOF), September 20-22, 2006, Milano (Italy)

Co-general chairman of "Prima Conferenza nazionale del Gruppo del Colore" (1st annual meeting Italian Color Group - SIOF), October 20-21, 2005, Pescara (Italy)

Deputy general chairman of "EUROBOT '97, Second Euromicro Workshop on Advanced Mobile Robots", Brescia October 1997.

Program Chairs and Scientific Committees

- CCIW 2024 (Computational Color Imaging Workshop) 25-27 September 2024, Milano, (Italy).
- Gaming 2024 (17th International Conference on Game and Entertainment Technologies) 13-15 July 2024, Budapest, (Hungary).
- PATTERNS 2024 (The Sixteenth International Conference on Pervasive Patterns and Applications) 14-18 April 2024, Venice, (Italy).
- PATTERNS 2023 (The Fifteenth International Conference on Pervasive Patterns and Applications) 26-30 June 2023, Nice, Saint-Laurent-du-Var, (France).
- SCICULT 2022 (Workshop - Le scienze nei beni culturali) 19-20 September 2022, Milano (Italy).
- PATTERNS 2022 (The Fourteenth International Conference on Pervasive Patterns and Applications) 24-28 April 2022, Barcelona (Spain).
- ISPA 2021 (12th International Symposium on Image and Signal Processing and Analysis) 13-15 September 2021, Zagreb (Croatia).
- PATTERNS 2021 (The Thirteenth International Conference on Pervasive Patterns and Applications) 18-22 April 2021, Porto (Portugal).
- MOI2QDN - Workshop on Metrification and Optimization of Input Image Quality in Deep Networks, part of ICPR2020 (25th International Conference on Pattern Recognition) 11 January 2021, Milano (Italy).
- EUVIP 2020 (The Ninth Workshop on Visual Information Processing) 14-17 December 2020, Paris (France).
- CVCS 2020 (The Tenth Colour and Visual Computing Symposium) 16-17 September 2020, Gjøevik (Norway).
- MHCI'20 (7th International Conference on Multimedia and Human-Computer Interaction) 13-15 August 2020, scheduled in Prague (Czech Republic) gone virtual.
- PATTERNS 2020 (The Twelfth International Conference on Pervasive Patterns and Applications) 26-30 April 2020, Nice (France).
- ICISP2020 (9th International Conference on Image and Signal Processing), June 4-6, 2020, Marrakech, Morocco
- PATTERNS 2019 (The Eleventh International Conference on Pervasive Patterns and Applications) 5-9 May 2019, Venice (Italy).
- ICIP2018 (IEEE International Conference on Image Processing) Color and HDR Area chair, October 7-10, Athens (Greece).
- ICISP 2018 (International Conference on Image and Signal Processing) 2-4 July 2018, Cherbourg, France.
- ICCCS 2018, 3rd International Conference on Computer and Communication Systems 27-30 April 2018, Nagoya (Japan)
- PATTERNS 2018 (The Tenth International Conference on Pervasive Patterns and Applications) 18-22 February 2018, Barcelona (Spain).
- CPCV2017, 6th Color and Photometry in Computer Vision Workshop, in conjunction with ICCV 2017, Venice, Italy, October 22, 2017.
- ISPA 2017 (10th International Symposium on Image and Signal Processing and Analysis) 18-20th September 2017, Ljubljana, Slovenia
- ICCCS 2017, 2nd International Conference on Computer and Communication Systems 11-13 July 2017, Krakow (Poland)
- CCIW'17 – Computational Color Imaging Workshop 29-31 March 2017, Milano (Italy)
- VISAPP 2017 (International Conference on Computer Vision Theory and Applications), 27 February – 1 March 2017, Porto (Portugal).
- PHOTOPTICS 2017 (Fifth International Conference on Photonics, Optics and Laser Technology) 27 February – 1 March 2017, Porto (Portugal).

PATTERNS 2017 (The Ninth International Conference on Pervasive Patterns and Applications) 19-23 February 2017, Athens (Greece).

ICACTE 2016 (9th International Conference on Advanced Computer Theory and Engineering) August 19-21 2016, Hong Kong.

CGVCVIP 2016 (10th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2015) Funchal, Madeira (Portugal), 2-4 July 2016.

ICISP 2016 (International Conference on Image and Signal Processing) 30 May – 1 June 2016, Trois-Rivières, Canada.

INFOCOMP 2016 (The Sixth International Conference on Advanced Communications and Computation) 22-26 May 2016, Valencia, Spain.

BUSTECH 2016 (The Sixth International Conference on Business Intelligence and Technology) 20-24 March 2016, Rome, Italy.

PATTERNS 2016 (The Eighth International Conference on Pervasive Patterns and Applications) 20-24 March 2016, Rome, Italy.

PHOTOPTICS 2016 (Fourth International Conference on Photonics, Optics and Laser Technology) 27-29 February 2016, Rome, Italy.

VISAPP 2016 (International Conference on Computer Vision Theory and Applications) Rome (Italy), 27-29 February 2016.

CPCV2015, 5th Color and Photometry in Computer Vision Workshop, in conjunction with ICCV 2015, Santiago, Chile, December 11, 2015.

CGVCVIP 2015 (9th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2015) Las Palmas de Gran Canaria (Spain), 22-24 July 2015.

INFOCOMP 2015 (The Fifth International Conference on Advanced Communications and Computation) 21-26 June 2015, Brussels, Belgium.

AIC2015 (AIC Midterm Meeting) 19-22 May 2015, Tokio, Japan.

MCS2015 (16th International Symposium on Multispectral Color Science) 21 May 2015, Tokio, Japan.

PATTERNS 2015 (The Seventh International Conference on Pervasive Patterns and Applications) 23-28 March 2015, Nice, France.

BUSTECH 2015 (The Fifth International Conference on Business Intelligence and Technology) 22-27 March 2015, Nice, France.

PHOTOPTICS 2015 (International Conference on Photonics, Optics and Laser Technology) Berlin (Germany), 13-15 March 2015.

VISAPP 2015 (International Conference on Computer Vision Theory and Applications) Berlin (Germany), 11-14 March 2015.

CPCV 2014 (The Fourth Color and Photometry in Computer Vision Workshop), part of ECCV (European Conference on Computer Vision) 12 September 2014, Zurich, Switzerland.

INFOCOMP 2014 (The Fourth International Conference on Advanced Communications and Computation) 20-24 July 2014, Paris, France.

CGVCVIP 2014 (8th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2014) Lisbon (Portugal), 17-19 July 2014.

PATTERNS 2014 (The Sixth International Conference on Pervasive Patterns and Applications) 25-29 May 2014, Venice, Italy.

BUSTECH 2014 (The Fourth International Conference on Business Intelligence and Technology) 25-29 May 2014, Venice, Italy.

VISAPP 2014 (International Conference on Computer Vision Theory and Applications) Lisbon (Portugal), 5-8 January 2014.

PHOTOPTICS 2014 (International Conference on Photonics, Optics and Laser Technology) Lisbon (Portugal), 7-9 January 2014.

CPCV'13, IEEE Color and Photometry in Computer Vision, parte di ICCV 2013, Sydney, 8 Dicembre 2013.

CETC 2013 (Conference on Electronics Communication and Computers) Lisbon (Portugal), 5-6 December 2013.

ECMR'13 (&th European Conference on Mobile Robots) Barcelona (Spain), 25-27 September 2013.

Nona Conferenza del Colore, Firenze, 19-20 September 2013.

CGVCVIP 2013 (Computer Graphics, Visualization, Computer Vision and Image Processing), IADIS, 22 – 24 July, Prague, Czech Republic, 2013.

ICCCEG 2013 (International Conference on Cloud Computing and eGovernance), Dubai, UAE, 19 -21 June, 2013

PATTERNS 2013 (The Fifth International Conference on Pervasive Patterns and Applications) 27 May - 1 June 2013, Valencia Spain

BUSTECH 2013 (The Third International Conference on Business Intelligence and Technology) 27 May - 1 June 2013, Valencia Spain

12th International AIC Congress, AIC2013, 8-13 July 2013, Sage, Gateshead, UK.

VISAPP 2013 (International Conference on Computer Vision Theory and Applications) Barcelona (Spain), February 21-24th. 2013.

PHOTOPTICS 2013 (International Conference on Photonics, Optics and Laser Technology) Barcelona (Spain), February 20-21th. 2013.

4th Workshop on Color and Photometry in Computer Vision (CPCV'12) in connection with ECCV 2012, Firenze, 12-13 October 2012.

CDCH2012 Creative Design for Interdisciplinary Projects in Cultural Heritage, September 30, 2012 -- Innsbruck, Austria, Workshop in conjunction with VL/HCC 2012.

Ottava Conferenza del Colore, Bologna, 13-14 September 2012.

Computer Graphics, Visualization, Computer Vision and Image Processing 2012 (CGVCVIP 2012) Conference, Lisbon, Portugal, 21-23 July 2012.

IEEE DEST-CEE, 6th IEEE International Conference on Digital Ecosystem Technologies – Complex Environment Engineering, Campione d'Italia (Italy), 18-20 June 2012.

CGIV2012 the Sixth European Conference on Colour in Graphics, Imaging, and Vision, 6-9 May, 2012, Amsterdam, Holland.

VISAPP 2012 (International Conference on Computer Vision Theory and Applications) Rome, February 24-26th. 2012.

ICCA 2012 (“Second International Conference on Computer Applications - 2012”) Pondicherry, India, 27-31 January 2012.

IEEE Color and Photometry in Computer Vision Workshop (CPCV 2011), Barcelona, Spain, November 12th 2011.

Settima Conferenza nazionale del Gruppo del Colore (SIOF), Roma, 15-16 September 2011.

Sixth edition of Gjøvik Color Imaging Symposium (GCIS 2011), special session of the 2nd International Conference on Pervasive Computing, Signal Processing and Applications (PCSPA 2011) that will be held September 5-9, 2011 at Gjøvik University College, Norway.

IMAGAPP 2011 (“International Conference on Imaging Theory and Applications”) Algarve, Portugal, March 5-7th. 2011.

International Workshop on Color and Reflectance in Imaging and Computer Vision (CRICV 2010), Crete, Greece, September 10th. 2010, in conjunction with ECCV 2010.

Sesta Conferenza nazionale del Gruppo del Colore (SIOF), Lecce, 16-17 September 2010.

CGIV2010/MCS'10 the Fifth European Conference on Colour in Graphics, Imaging, and Vision and the 12th International Symposium on Multispectral Colour Science that will be held June 14-18, 2010 in Joensuu, Finland.

track in Information Technology for Cultural Heritage of the 7th International Conference on Informatics and Systems, 28-30 March 2010 in Cairo, Egypt.

IEEE International Workshop on Color and Reflectance in Imaging and Computer Vision (CRICV 2009), Kyoto, Japan, October 4th. 2009, in conjunction with ICCV 2009.

“Color Imaging XIII: Processing, Hardcopy, and Applications” conference of SPIE/IS&T Electronic Imaging 2008.

“Colore e arte, storia e tecnologia del colore nei secoli”, organized by CNR-IFAC, CNR-ICVBC, OPD, SIOF, Firenze 28 febbraio – 2 marzo 2007.

“Color Imaging XII: Processing, Hardcopy, and Applications” conference of SPIE/IS&T Electronic Imaging, 2007.

“Color Imaging XI: Processing, Hardcopy, and Applications” conference of SPIE/IS&T Electronic Imaging, 2006.

“Color Imaging X: Processing, Hardcopy, and Applications” conference of SPIE/IS&T Electronic Imaging, 2005.

“Color Imaging IX: Processing, Hardcopy, and Applications” conference of SPIE/IS&T Electronic Imaging, 2004.

Technical and Scientific Committees

2013-Today

Member of Technical Committee TC 08/12 (Image and Video Compression Assessment) of CIE (International Commission on Illumination).

2010-Today

Member of the scientific advisory board of TASCII (Colour&Imaging Institute, Art&Science Research Centre, Tsinghua University) - www.tascii.org.

2021-2022

Member of Technical Committee TC 08/18 (Guidelines for definition and evaluation of high dynamic range images and image sequences).

2011

Member of Scientific Advisory Board of the european project CHIRON (Cyclic and person-centric Health management : Integrated appRoach for hOme, mobile and clinical eNvironments) – ARTEMIS 2009.

2008

Member of the technical commission at “Stazione Sperimentale per le Industrie degli Oli e Grassi di Milano”, “Sottocommissione Colori e Vernici” (National Experimental Station of Oils and Greases, subcommission Colors and Paints).

2008

Head of the technical sub-commission “Colore: percezione e misura” of the commission “Luce e illuminazione”, UNI (Ente Nazionale Italiano di Unificazione).

2007-2011

Member of technical committee “TC8-08: spatial appearance modeling and HDR rendering” of CIE (Commission internationale de l'éclairage).

2007-2008

Member of scientific committee of Master in Interactive Digital Television – III Edition, Università degli Studi di Milano.

2005-today

Member of scientific committee of Gruppo del Colore (SIOF)

2004-today

Member of scientific committee of AIIE (Italian Association for Ethical Informatics).

Scientific publications

Books

- [B4] J.J. McCann; V. Vonikakis; A. Rizzi, "HDR Scene Capture and Appearance", SPIE Spotlight Series, Volume: SL35, Pages: 92, December 2017, ISBN: 9781510618541.
- [B3] S. Rasheed, D. Marini, A. Rizzi, "Recognition of Colors in EEG. Planning Towards Brain Computer Interfaces", Lambert Academic Publishing, ISBN: 978-3-8484-2617-1, pp. 248, (2012).
- [B2] J.J. McCann, A. Rizzi, "The Art and Science of HDR Imaging", John Wiley, ISBN: 978-0-470-66622-7, pp. XXV+389, (2011).
- [B1] D. Marini, M. Bertolo, A. Rizzi, "Comunicazione Visiva Digitale: fondamenti di eidomatica", Addison Wesley, Milano, pp. XXIII+568, ISBN 8871921224, (2002) (in italian).

Edited books and journal issues

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- [NC57] M. Sassi, A. Rizzi, "Color design in modern boardgames: state of the art", XVIII Conferenza del Colore, Lecco, 15-16 Settembre 2023.
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- [ON29] L. Cristina, A. Plutino, A. Rizzi, "I colori del viaggio dell'eroe: uno studio degli archetipi nei film", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON28] E. Benigni, A. Buttarelli, C. Donini, L. Valente, A. Plutino, A. Rizzi, "Analisi degli effetti dell'illuminazione museale sull'Automa con Testa di Diavolo, scultura lignea risalente al XVI-XVII secolo", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON27] A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "Identificazione e conservazione delle pellicole fotografiche a colori della seconda metà del XX secolo", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON26] A. Cairoli, A. Plutino, A. Rizzi, "Un protocollo di digitalizzazione per i negativi della sotto-serie "Cinema" del fondo "La Notte", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON25] A. Rizzi, A. Plutino, "Sulle condizioni di somministrazione del test di Luscheri", Seminario internazionale Luscher test, Padova, 11/05/2019.
- [ON24] A. Plutino, A. Rizzi, "Algorithms for Film Digital Restoration: Unsupervised Approaches for Film Frames Enhancement", Udine / Gorizia FilmForum 2019, XXVI Convegno Internazionale di Studi sul Cinema, XXVI International Film and Media Studies Conference, Gorizia, 21-23 marzo 2019 / March 21st-23rd 2019, Gorizia, 2019.
- [ON23] M. Rossini, L. Grechi, A. Plutino, A. Rizzi, "Illuminazione museale: confronto tra indici di resa cromatica e percezione visiva", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON22] G. Bottaro, A. Plutino, A. Rizzi, "La catalogazione di materiali audiovisivi: valutazione di diversi standard a partire dall'esperienza presso l'archivio Cinescatti e proposta di una nuova scheda di catalogazione", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON21] A. Brivio, A. Plutino, A. Rizzi, "I colori di "Toute une nuit": analisi e confronto tra metodi di restauro manuali e automatici", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON20] A. Mantoan, A. Plutino, A. Rizzi, "Gamut mapping di pigmenti pittorici nella storia", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.

- [ON19] A. Rizzi, M.P. Lanaro, A. Plutino, S. Liberini, G. Simone, S. Bellotti, "MIPS Lab", CVPL 2018, 30-31 Agosto, Vico Equense (NA).
- [ON18] S. Valtolina, B. Barricelli, A. Rizzi, "Valutazione dell'usabilità della gestione elettronica del triage in situazioni di emergenza", XXVIII Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Milano, 1-3 Luglio 2015.
- [ON17] A. Rizzi, S. Cagiada, R. Pizzi, C. Bonanomi "Percezione della dinamica di luminosità sotto ipnosi", Congressino 2015, Univ. di Trieste, 26-27/06/15 Ipplis (UD).
- [ON16] A. Rizzi, " Di cosa parliamo quando parliamo di immagini", Congressino 2015, Univ. di Trieste, 26-27/06/15 Ipplis (UD).
- [ON15] A. Rizzi, C. Bonanomi, D. Gadia, "Fattori contestuali ed acontestuali nel computo dell'indice di resa cromatica", Workshop CIE Italia: Verso un nuovo indice di resa cromatica: problemi aperti e possibili direzioni di ricerca, Milano, 19 November 2014.
- [ON14] A. Rizzi, "Modifiche al test di Ishihara", XXVII Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Siracusa, 28-30 May 2014.
- [ON13] A. Rizzi, "Un approccio percettivo al restauro del colore", Chroma – workshop on color image in motion pictures and media, Università degli Studi di Firenze, plesso didattico di Santa Verdiana, 18 September 2013.
- [ON12] S. Valtolina, A. Rizzi, "Ergonomia Cognitiva e Visuale per un cockpit di aeromobile", XXVI Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Città del Vaticano, 11-14 September 2013.
- [ON11] A. Rizzi, "Problemi aperti nella modellizzazione del segnale retinale", Workshop Funzione Visiva e Attività di Volo, Centro Sperimentale di Volo dell'aeronautica Militare , Reparto Medicina e Aeronautica Spaziale, Aeroporto Pratica di Mare, 27 May 2013.
- [ON10] A. Rizzi, "Test per la valutazione dell'indice di resa cromatica", Workshop Caratterizzazione Sorgenti Led e Indice di Resa Cromatica, Società Italiana di Ottica e Fotonica (SIOF), Firenze, 8 May 2013.
- [ON9] A. Rizzi, "Un nuovo approccio ai modelli di visione", Giornata Scientifica di AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Ariccia, 7 December 2012.
- [ON8] A. Rizzi, "Problemi aperti nella modellizzazione del segnale retinale", XXV Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Bari, 14-16 June 2012.
- [ON7] A. Rizzi, J.J. McCann, " Dinamica, gradienti e abbagliamento: del come i pittori del rinascimento avevano già capito tutto", Congressino 2009, Univ. di Trieste, 12-13/06/09 Medana (Slovenia).
- [ON6] T. Agostini, A. Rizzi, A. Galmonte, G. Righi, A. Gherzil, A. Schepis, "Un modello per la previsione degli effetti dell'articolazione percettiva", Congresso annuale Associazione Italiana di Psicologia, Sezione di Psicologia Sperimentale, Como, September 17-19 2007.
- [ON5] A. Rizzi, A. Moretti, D. Gadia, D. Marini, "L'informazione spettrale e il colore percepito", Congressino 2006, Univ. di Trieste, 16-17/06/06 Medana (Slovenia).
- [ON4] A. Rizzi, T. Agostini, D. Marini, "Metodologie di analisi in ergonomia cognitiva: una proposta per l'uso di modelli computazionali del sistema visivo", Giornata di studio della Società Italiana di Ergonomia (SIE) e del Centro Ricerche FIAT (CRF) sul tema: L'ergonomia come fattore di sviluppo delle imprese, delle organizzazioni e dell'innovazione tecnologica, Torino (Italy), 11 Giugno 2004.
- [ON3] A. Rizzi, D. Marini, D. Lenza, B. Piacentini, M. Fierro, "Perché un modello computazionale della percezione visiva?", Congressino 2003, Univ. di Trieste, Medana (Slovenia).
- [ON2] D. Marini, A. Rizzi, C. Gatta, " Equalizzazione colore globale e locale nel rispetto dell'apparenza cromatica ", Convegno GIRPR 2002, Verona, 17-18/6/02.
- [ON1] A. Rizzi, D. Marini, C. Gatta, "Verso un modello computazionale della percezione visiva", Congressino 2002, Univ. di Trieste, Medana (Slovenia), 30/5-1/6/02.