

Curriculum Vitae et Studiorum

of

Patrizio Campisi



January 2018

Overview

Patrizio Campisi is currently Full Professor with the Dept. of Engineering, Section of Applied Electronics at the Università degli Studi "Roma Tre", Roma, Italy, where he is the director of the Biometric Systems and Multimedia Forensics laboratory. He is a Marie Curie Fellow.

He received the "Laurea" degree ("summa cum laude") in Electronic Engineering from the Università degli Studi di Roma "La Sapienza", Roma Italy and the Ph.D. degree in Electrical Engineering from the Università degli Studi "Roma Tre", Roma Italy.

He joined the Department of Applied Electronics, Università degli Studi "Roma Tre", Roma Italy in 2002 first as an Assistant Professor and then in 2006 as an Associate Professor. He got the qualification as Full Professor in September 2011.

From September 1997 until April 1998 he has been a visiting research associate at the Communication Laboratory of the University of Toronto, Canada and from July 2000 until November 2000 he was a Post Doctoral fellow in the same laboratory. From October 1999 to October 2001 he has been a Post Doctoral position at the Università degli Studi "Roma Tre", where he is also lecturer for the graduate course "Signal Theory" since 1998. He has been recipient of a NATO/CNR advanced fellowship in 2003. From March 2003 until June 2003 he has been a visiting researcher at the Beckman Institute, "University of Illinois at Urbana-Champaign", Illinois (USA). In March/April 2006, in July 2007, in April - June 2009, and in July 2011 he has been a visiting professor at the École Polytechnique de l'Université de Nantes, with the "Equipe Image Vidéo Communication (IVC)" at IRCCyN, Nantes, France.

He is co-recipient of:

- IEEE International Conference on Image Processing 2006 (ICIP06) best student paper award, for the paper "*Contour detection by multiresolution surround inhibition*";
- IEEE Biometric Symposium 2007 best paper award for the paper "*Biometric Signature Authentication using Radon Transform based Watermarking Techniques*";
- IEEE Second International Conference on Biometrics: Theory, Application and Systems 2008 best student paper award for the paper "*Cancelable Biometrics for HMM-based signature Recognition*".

He is:

- co-editor of the book "High Dynamic Range Video, Concepts, Technologies and Applications, Academic Press, November 2016.
- editor of the book "*Security and Privacy in Biometrics*", SPRINGER, July 2013.
- co-editor of the book "*Blind Image Deconvolution: theory and applications*", CRC press, Boca Raton (FL) USA, May 2007.

His research interests lie in the area of digital signal, image, and video processing with applications to biometrics and secure multimedia communications. Specifically, he has been working on secure biometric recognition, image and video forensics, digital watermarking for images, video, and stereo images, image deconvolution, image restoration, image analysis, stereo image analysis and enhancement, quality assessment of stereo images, High Dynamic Range (HDR) imaging, texture coding, synthesis, and classification, video processing, blind equalization of data signals, and secure communications.

He currently focuses his research activity mainly on biometric based recognition systems with emphasis on the design of feature extraction algorithms, on matching algorithms, on the security and privacy issues in biometrics, on biometric template protection (transformation based approaches and biometric cryptosystems), on multi-biometric systems, biometric data hiding, and forensic biometrics.

He is IEEE SPS Director Student Services (Jan. 2015 – Dec. 2017) and technical chair for the IEEE SPS Information and security Technical Committee (Jan. 2017 - Dec 2018). He is a member of the IEEE Technical Committee on Information Assurance & Intelligent Multimedia- Mobile Communications, system, Man, and Cybernetics Society (2007 - present).

He is currently Editor-in-Chief of IEEE Transactions on Information Forensics and Security (2018-2020).

He has been an Associate Editor of IEEE Transactions on Information Forensics and Security (Jan. 2011 – Dec. 2014). He has been an Associate Editor of IEEE Signal Processing Letters (Dec. 2008 – Dec. 2011), and Senior Associate editor of IEEE Signal Processing Letters (Jan. 2012 – March 2016). He has been an elected member of the IEEE Information Forensics and Security Technical Committee (Jan. 2011 – Dec. 2013) and a member of IEEE Certified Biometric Program (CBP) Learning System Committee.

He is an Associate editor of IET Biometrics (Dec. 2011 – present). He is an associate editor of Advances in Multimedia by Hindawi (Jan. 2009 - present), of EURASIP Journal on Information Security (Jan. 2011 – present), and of IET Biometrics (Dec. 2011 – present).

He is the General-Chair of General Chair of the “26th European Signal Processing Conference 2018 ” (EUSIPCO), September 2018, Roma, Italy.

He has been the General-Chair of:

- the “Seventh IEEE Workshop in Information Forensics and Security”, WIFS 2015, Nov. 16-19, 2015, Roma, Italy;
- the 2014 IEEE Workshop on Biometric Measurements and Systems for Security and Medical Applications, October 2014, Rome, Italy
- the 12th ACM Workshop on Multimedia and Security, September 9-10, 2010 Roma, Italy.

He has been Program co-Chair of:

- the “First ACM Workshop on Information Hiding and Multimedia Security”, June 2013, Montpellier, France;
- the “Fourth IEEE Workshop in Information Forensics and Security”, WIFS 2012, Dec. 2-5, 2012, Spain.

He is the scientific coordinator at the Università degli Studi Roma TRE of the EU H2020-MSCA-ITN-2015 “enhAnced Mobile BiomEtRics” (AMBER), 2017-2020.

He is the scientific coordinator at the Università degli Studi Roma TRE of the EU H2020-MSCA-RISE-2015 “ENhancing seCurity and privAcy in the Social wEb: a user-centered approach for the protection of minors,” (ENCASE), 2016-2019. He is the Italian delegate for the European COST Action IC1106 "Integrating Biometrics and Forensics for the Digital Age" (2012-2016). He is the Italian delegate for the European COST Action IC1206 "De-identification for privacy protection in multimedia content" (2013-2017). He has been the Italian delegate for the European COST Action IC1005 "HDRi: The digital capture, storage, transmission, and display of real world lighting" (2010-2014) and of the European COST Action 2101 "Biometrics for Identity documents and smart cards"(2006-2010). He has been the scientific coordinator at the Università degli Studi Roma TRE for the EU-FP7 thematic network “BEST Thematic Network, Biometrics European Stakeholders Network” (Oct. 2009-Oct.2011) and of the EU FP7 The people programme, Industry-Academia Partnerships and Pathways: “Digital Image and Video Forensics” (2010-2014).

General Information

Personal data

Name: PATRIZIO CAMPISI
Place of Birth: Roma (Italy)
Position: Full Professor
Business address: Università degli Studi di Roma “Roma Tre”,
Department of Engineering,
Section of Applied Electronics
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Research interests

His research interests lie in the area of digital signal, image, and video processing with applications to biometrics and secure multimedia communications. Specifically, he has been working on secure biometric recognition, image and video forensics, digital watermarking for images, video, and stereo images, image deconvolution, image restoration, image analysis, stereo image analysis and enhancement, quality assessment of stereo images, texture coding, synthesis, and classification, video processing, blind equalization of data signals, and secure communications.

He currently focuses mainly on biometric based recognition systems with emphasis on the design of feature extraction algorithms, on matching algorithms, on the security and privacy issues in biometrics, on biometric template protection (transformation based approaches and biometric cryptosystems), on multi-biometric systems, biometric data hiding, and biometric forensics.

✓ **Biometrics:**

- Brain waves based recognition systems
- Signature based recognition systems
- Keystroke based recognition systems
- Vein-pattern based recognition systems
- Identity Management and Smart Cards
- Security and privacy issues in biometrics
- Biometric template protection
 - cancelable template
 - signature protection “protection”,
 - iris template “protection”,
- Biometric data hiding,
- Biometric forensics

✓ **Data hiding:**

- Perceptual aspects in data hiding,
- Image watermarking for improved image coding,
- Watermarking for blind channel quality assessment,
- Watermarking for copyright protection for:
 - High Dynamic Range (HDR) images
 - images,
 - video sequences,
 - stereo images.

- ✓ **Blind image deconvolution, with application to:**
 - Texture modeling and synthesis,
 - Texture coding,
 - Texture classification,
 - Image deblurring.
- ✓ **Image filtering and enhancement,**
 - Shape extraction,
 - Artistic operators.
- ✓ **Video processing:**
 - Video texture analysis and synthesis,
 - Scalable video coding,
 - Keyframe extraction and their semantic analysis.
- ✓ **Quality assessment**
 - images
 - stereo images
- ✓ **Data transmission**
 - secure communications,
 - blind phase estimation for data transmission,
 - blind equalization.

Teaching activity

- **Academic years 2017-2018; 2016-2017; 2015-2016; 2014-2015; 2013-2014; 2012-2013; 2011-2012; 2010-2011:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Biometric Systems” for the “Laurea Magistrale” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Biometric Systems” for the Specialization School on Telecommunication at the Ministry of Communications, Italy.

- **2009-2010:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Biometric Systems” for the “Laurea Magistrale” degree at the Università degli Studi “Roma Tre”.
 - ✓ Master course of “Master en Teoria de la Senal y Comunicaciones”, Universidad de Vigo, Vigo, Spain.

- **Academic years 2008-2009; 2007-2008:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Biometric Systems” for the Specialization School on Telecommunication at the Ministry of Communications, Italy.

- **2006-2007:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Visiting Lecturer” at the École Polytechnique de l’Université de Nantes, “Equipe Image Vidéo Communication (IVC)”, IRCCyN (CNRS) within the framework of the “Socrates/Erasmus Higher education”.
 - ✓ Lecturer for the course “Signal Theory” at Ministry of Defense, with the Master “Electronic Defense”.

- **2005-2006:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Visiting Lecturer” at the Tampere University of Technology (TUT), Finland for the intensive course “Video watermaking: existing approaches and new directions” within the framework of the “Socrates/Erasmus Higher education”.

- **2004-2005:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ Lecturer for the Master course “Informatics systems design” at the Università degli Studi “Roma TRE” concerning multimedia communications.
 - ✓ “Visiting Lecturer” at the Tampere University of Technology (TUT), Finland for the intensive course “Image restoration” (8 hours) within the framework of the “Socrates/Erasmus Higher education”.

- **2003-2004:** “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.

- **2002-2003:** “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.

- **2001-2002:**
 - ✓ “Signal Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”.
 - ✓ “Telecommunication Systems” for the “Laurea” degree at the Università degli Studi “Roma Tre”

- **2000-2001:**
 - ✓ “Signal Theory” for the “Laurea” and “Diploma” degree at the Università degli Studi “Roma Tre”
 - ✓ “Telecommunication Systems - Queuing Theory” for the “Laurea” degree at the Università degli Studi “Roma Tre”

- **Academic years 1999-2000; 1998-1999**
 - ✓ “Signal Theory” for the “Laurea” and “Diploma” degree at the Università degli Studi “Roma Tre”.

Invited talks

2015

- **“Biometrics and neuroscience: a possible marriage?”**, Plenary talk at “*16th International Conference on Computer Analysis of Images and Patterns*”, Valletta, Malta, 2-4 September 2015.

2013

- **“PassBrain: Can brain waves be used to recognize people?”**, Plenary talk at “*The Ninth International Conference on Intelligent Information Hiding and Multimedia Signal Processing October 16-18, 2013 Beijing, China*”
- **“The role of soft biometrics and behavioral biometrics in forensic analysis”**, *First International Workshop on Biometric and Forensics (IWBF)*, Lisbon, Portugal, April 5, 2013.

2012

- **“Data hiding for beginners. HDR new challenges and research opportunities”**, *COST IC1005, Rennes, France, October 8, 2012.*
- **“Spoofing and anti-spoofing: the wider human context”**, *TABULA RASA workshop, Rome, Italy, May 10-11, 2012.*

2011

- **“Processing for template protection”**, *TURBINE final workshop TrUsted Revocable Biometric IdeNtitiEs, January 17, Brussels, 2011.*

2009

- **“Privacy Enhancing Technologies. Biometrics: a Case Study,”** three hour **tutorial** at the *First IEEE International Workshop on information forensic and Security, Dec 6th, 2009, London, UK.*
- **“Biometrics Certification - IEEE Certified Biometrics Professional (CBP)”**, *Biometric Consortium Conference 2009, Tampa, FL, USA, Sept.23, 2009.*
- **“Security & Privacy in Biometric Systems Two Hindering Requirements?”** *Biometric Consortium Conference 2009, Tampa, FL, USA, Sept.24, 2009.*
- **“Biometrics systems: security and privacy issues”**, *Ecole Polytechnique de L’Université de Nantes, IRRCyN, Nantes, France, May 2009*

2008

- Panelist on the topic “Privacy and Security: why and how” at the ”, IEEE Second International Conference on Biometrics: Theory, Applications and Systems, (BTAS 2008), Crystal City, Virginia, USA, 29 September – 1 October 2008
- “Biometrics as a tool for surveillance and security” (June 2008), *Politecnico di Milano, Milano, Italy*.
- “Blind image deconvolution using Bussgang techniques: applications to texture synthesis and image deblurring”, (March 2008), *Carnegie Mellon University, Pittsburgh, PA, USA*.

2007

- “Biometrics authentication: from the concepts to the applications”, (July 2007), *Ecole Polytechnique de L’Université de Nantes, IRRCyN, Nantes, France*.

2006

- “The new frontiers of biometric authentication”, (September 2006), *l’Istituto Internazionale di Ricerca, Milano, Italy*
- “Blind image restoration using the Bussgang algorithm” (March 2006), *Ecole Polytechnique de L’Université de Nantes, IRRCyN, Nantes, France*.
- “Texture synthesis, compression and classification: a model based approach” (April 2006), *Ecole Polytechnique de L’Université de Nantes, IRRCyN, Nantes, France*.
- “Data hiding: applications to image and video watermarking” (April 2006), *Ecole Polytechnique de L’Université de Nantes, IRRCyN, Nantes, France*.
- “Image and Video processing: future trends and directions” (April 2006), *Ecole Polytechnique de L’Université de Nantes, IRRCyN, Nantes, France*.

2004

- “Nonlinear deconvolution applied to image identification and restoration”, (April 2004), *University of Groningen, Groningen, The Netherlands*.

2003

- “Blind image deconvolution using the Bussgang algorithm”, (August 2003), *University of Hawaii at Manoa, Honolulu, Hawaii, USA*.
- “Multichannel blind image deconvolution using the Bussgang algorithm: spatial and multiresolution approach”, (August 2003), *University of California at Santa Barbara, Santa Barbara, CA, USA*.

Scientific Projects Coordination

- Scientific coordinator at the Università degli Studi Roma TRE of the EU H2020-MSCA-ITN-2015 “enhAnced Mobile BiomEtRics” (AMBER), 2017-2020.
- Scientific coordinator at the Università degli Studi Roma TRE of the EU H2020-MSCA-RISE-2015 “ENhancing seCurity and privAcy in the Social wEb: a user-centered approach for the protection of minors,” (ENCASE), 2016-2019.
- Italian delegate for the European COST Action IC1206 “De-identification for privacy protection in multimedia content”, 26/03/2013- 25/03/2017.
- Scientific coordinator at the Università degli Studi Roma TRE of the EU FP7 The people programme, Industry-Academia Partnerships and Pathways: “Digital Image and Video Forensics”, 2010-2014.
- Italian delegate for the European COST Action IC1005 “HDRi: The digital capture, storage, transmission, and display of real world lighting”, 16/05/2011-15/05/2015.
- Italian delegate for the European COST Action IC1106 “Integrating Biometrics and Forensics for the Digital Age”, 2012-2016.
- Scientific coordinator at the Università degli Studi Roma TRE for the EU-FP7 thematic network “BEST Thematic Network, Biometrics European Stakeholders Network” (1 Oct. 2009- 31 March 2012).
- Italian delegate for the European COST Action 2101 "Biometrics for Identity documents and smart cards", 2006-2010.
- Coordinator of the European Community Action “SOCRATES ERASMUS HIGHER EDUCATION” between the Telecommunication laboratory of the “Università degli Studi Roma Tre” and the Department of Mathematics and Computing Science, University of Groningen (The Netherlands).
- Coordinator of the European Community Action “SOCRATES HIGHER EDUCATION” between the Telecommunication laboratory of the “Università degli Studi Roma Tre” and the “Equipe Image Vidéo Communication (IVC)” at IRCCyN, École Polytechnique de l’Université de Nantes.

- Coordinator of the European Community Action “SOCRATES HIGHER EDUCATION” between the Telecommunication laboratory of the “Università degli Studi Roma Tre” and the University of Granada, Spain.

Visiting Positions

- Visiting Professor for one week at the *Ecole Polytechnique de L'Université de Nantes, IRRCyN*, Nantes, France, 2015.
- Visiting Professor for two weeks at the *Ecole Polytechnique de L'Université de Nantes, IRRCyN*, Nantes, France, 2014.
- Visiting Professor for two months at the *Ecole Polytechnique de L'Université de Nantes, IRRCyN*, Nantes, France, (1 June – 1 July 2011).
- Visiting Professor for two months at the *Ecole Polytechnique de L'Université de Nantes, IRRCyN*, Nantes, France, (20 April – 20 June 2009).
- Visiting Professor for one month at the *Ecole Polytechnique de L'Université de Nantes, IRRCyN*, Nantes, France, (July 2007).
- Visiting Professor for one month at the *Ecole Polytechnique de L'Université de Nantes, IRRCyN*, Nantes, France, (April 2006).
- Visiting researcher for three months at the Beckman Institute, “University of Illinois at Urbana-Champaign”, Illinois (USA) (March 2003-June 2003).
- Visiting research associate at the Communication Laboratory of the University of Toronto, Canada from July 2000 until November 2000.

IEEE Editorial Work

- IEEE Transactions on Information Forensics and Security:
 - **Editor-in-Chief** Jan. 2018 – Dec. 2020.
- IEEE Transactions on Information Forensics and Security:
 - **Associate Editor** Jan. 2011 – Dec. 2014.
- IEEE Signal Processing Letters:
 - **Senior Associate Editor**, Jan. 2012 – March 2016.
 - **Associate Editor**, Dec. 2008 - Dec 2011.

IEEE service

- **Chair** of the IEEE Information Forensics and Security Technical Committee (2017-2018)
- **Chair** of the Biometric Italian Chapter of the IEEE Italy Section (2018-2020)
- **IEEE SPS Director Student Services** (Jan. 2015 – Dec. 2017)
- Elected member of the IEEE Information Forensics and Security Technical Committee, Jan. 2011 – Dec. 2013.
- Volunteer member of the IEEE Certified Biometric Program (CBP) Learning System.
 - Contributed to writing the educational material (IEEE publisher, 2009):
IEEE's Certified Biometrics Professional (CBP) Learning system
 - *Module 1 Biometric Fundamentals,*
 - *Module 2 Biometric Modalities,*
 - *Module 3 Biometric Systems Design and Evaluation,*
 - *Module 4 Biometric Standards,*
 - *Module 5 Social, Cultural and Legal Implications,*
 - *Module 6 Biometric Applications.*

- Member of the IEEE Technical Committee on Information Assurance & Intelligent Multimedia- Mobile Communications, System, Man, and Cybernetics Society (2007 - present).

Other editorial activities

- Associate Editor of IET Biometrics, Dec 2011 - present.
- Associate editor of Advances in Multimedia by Hindawi (Jan. 2009 - present).
- Associate editor of EURASIP Journal on Information Security (Jan. 2011 – present)
- Associate editor of the International Journal of Digital Crime and Forensics (IJDCF) (Jan 2009 - present).
- Steering committee member ACM Multimedia Information Hiding and Security 2013-2014

Technical committee work

2018

- **Track Chair** for IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2018, 15-20 April, Calgary, Canada.

2017

- **Area Chair** for IEEE International Conference on Image Processing, ICIP 2017, September 17-20, 2017, Beijing, China.
- Technical Committee Member of the European Signal Processing Conference (EUSIPCO) 2017, 28 August – 2 September 2017, Kos, Greece.
- **Track Chair** for IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2017, March 5-9, New Orleans, USA.

2016

- **Guest editor** of the Special Issue “*Distributed Signal Processing for Security and Privacy in Networked Cyber-Physical Systems*”, IEEE Transactions on Signal and Information Processing over Networks (to be published March 2018).
- **Area Chair** for IEEE International Conference on Image Processing, ICIP 2016, September 25-28, 2016, Phoenix, Arizona, USA.
- **Area Chair** for the 8th IAPR/IEEE International Conference on Biometrics (ICB 2016), June 13-16 Halmstadt, Sweden
- **Technical Committee Member** for the IEEE International Conference on Multimedia and Expo, ICME 2016, July 11-15, 2016, Seattle, Washington, USA.
- Technical Committee Member of the European Signal Processing Conference (EUSIPCO) 2016, 29 August – 2 September 2016, Budapest, Hungary.
- Steering Committee Member of the Workshop on Information Hiding and Multimedia Security ACM IH&MMSec'16, June 20-22, 2016 Vigo, Spain.
- Technical Committee Member of the The 9th IAPR/IEEE International Conference on Biometrics (ICB 2016), June 13-16, Halmstad, Sweden.
- **Track Chair** for IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2016, March 20-25, Shanghai, China.
- Technical Committee Member of the IEEE Sixth International Conference on Biometrics: Theory, Applications and Systems, BTAS 2016, September 6-9, 2016, Buffalo, USA.

- Technical Committee Member of BIOSIG 2016 – International Conference of the Biometrics Special Interest Group, September 21-23, 2016, Darmstadt, Germany.
- Technical Committee Member of CVPR 2016 Biometrics Workshop, June 26-28 2016, Las Vegas, USA.

2015

- **General Chair** for 7th IEEE International Workshop on Information Forensics and Security Rome, Italy, 16-19 November, 2015.
- **Area Chair** for IEEE International Conference on Image Processing, ICIP 2015, September 27-30, 2015, Quebec City, Canada.
- **Track Chair** for IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2015, April 19-24 2015, Brisbane, Australia.
- Technical Committee Member of the 11th IEEE International Conference on Automatic Face and Gesture Recognition, FG2015, May 4-8, 2015, Ljubljana, Slovenia.
- Technical Committee Member of the The 8th IAPR/IEEE International Conference on Biometrics (ICB 2015), May 19-22, Phuket, Thailand
- Technical Committee Member of the The IEEE International Conference on Identity, Security and Behavior Analysis (ISBA 2015), March 23-25, Hong-Kong
- Technical Committee Member of the IEEE Sixth International Conference on Biometrics: Theory, Applications and Systems, BTAS 2015, September 8-11, 2015 Arlington, VA, USA.
- Technical Committee Member of BIOSIG 2015 – International Conference of the Biometrics Special Interest Group, September 9-11, 2015, Darmstadt, Germany.
- Technical Committee Member of CVPR 2015 Biometrics Workshop, June 7-12, 2015, Boston, MA, USA.

2014

- **General Chair** for 2014 IEEE Workshop on Biometric Measurements and Systems for Security and Medical Applications Rome, Italy, 17 October 2014.
- **Track Chair** for IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2014, May 4-9 2014, Florence, Italy.
- **Track Chair** for IEEE International Conference on Image Processing, ICIP 2014, October 27-30, 2014, Paris, France.
- **Area Chair** for the International Joint Conference on Biometrics IJCB 2014, 29 September 2 October 2014, FL, USA.

- Special Session organizer “*High Dynamic Range imaging: from theory to deployment in real life applications*” at the 22nd European Conference of Signal Processing, EUSIPCO 2014, Lisbon, Portugal, Sept. 2014.
- Technical Committee Member of the 22st International Conference on Pattern Recognition, ICPR2014, 24-28 August 2014, Stockholm, Sweden.
- Technical Committee Member of the International Workshop on Cyber Crime , IWCC 2014, San Jose, CA, USA, May 28, 2014.

2013

- **Program Co-Chair** for The 1st ACM Workshop on Information Hiding and Multimedia Security, 17-19 June 2013, Montpellier, France.
- **Track Chair** for IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2013, May 26-31 2013, Vancouver, Canada.
- **Award committee member** for IEEE International Conference on Image Processing, ICIP 2013, September 15-18, 2013, Melbourne, Australia.
- **Track Chair** for IEEE International Conference on Image Processing, ICIP 2013, September 15-18, 2013, Melbourne, Australia.
- **Publicity Chair for Europe** for the 12^{ve} International Workshop on Digital Watermarking 2013, October 21-23, Auckland, New Zealand.
- Special Session organizer “*High Dynamic Range imaging: from theory to deployment in real life applications*” at the 21st European Conference of Signal Processing, EUSIPCO 2013, Marrakesh, Morocco, Sept. 2013.
- Technical Committee Member of the IEEE Sixth International Conference on Biometrics: Theory, Applications and Systems, BTAS 2013, September 29 – October 2, 2013, Washington DC, USA.
- Technical Committee Member of BIOSIG 2013 – International Conference of the Biometrics Special Interest Group, September 2013, Darmstadt, Germany.
- Technical Committee Member of CVPR 2013 Biometrics Workshop, June 23-28 2013, Portland, Oregon, USA.
- Technical Committee Member of the 10th IEEE International Conference on Automatic Face and Gesture Recognition, FG2013, April 22-26, 2013, Shanghai, China.

2012

- **Program Co-Chair** for the 2012 IEEE Intl. Workshop on Information Forensics and Security, (WIFS 2012), 2-5 Dec. 2012, Tenerife, Spain.

- **Track Chair** for IEEE International Conference on Image Processing, ICIP 2012, October 2012, Orlando, FL, USA.
- **Track Chair** for "Multimedia security and privacy" at the IEEE International Conference on Multimedia and Expo, ICME 2012, July 2012, Melbourne, Australia.
- **Publication Chair** at the 5th International Symposium on Communications, Control and Signal Processing (ISCCSP 2012), May 2012, Roma, Italy.
- Technical Committee Member of the 14th ACM Workshop on Multimedia and Security, September 5-7, 2012 Coventry, UK.
- Technical Committee Member of the IEEE Fifth International Conference on Biometrics: Theory, Applications and Systems, BTAS 2012, Washington DC, USA, September 2012.
- Technical Committee Member of the 21st International Conference on Pattern Recognition, ICPR2012, Tsukuba International Congress Center Tsukuba Science City, Japan, November 11-15, 2012.
- Technical Committee Member of the 20th European Signal Processing Conference (EUSIPCO) 2012, 27-31 August 2012, Bucharest, Romania.
- Technical Committee Member of BIOSIG 2012 – International Conference of the Biometrics Special Interest Group, September 2012, Darmstadt, Germany.
- Technical Committee Member of ICASSP 2012, IEEE International Conference on Acoustics, Speech and Signal Processing, 25-30 March 2012, Kyoto, Japan.

2011

- Technical Committee Member of the IEEE Computer Society and IEEE Biometrics Council Workshop on Biometrics, Colorado Springs, June 2011.
- Technical Committee Member of the International Joint Conference on Biometrics 2011, (IJCB2011) Washington DC, USA, October 2011.
- Technical Committee Member of BIOSIG 2011 – Biometrics and Security, September 2011, Darmstadt, Germany.
- Technical Committee Member of 7th International Symposium on Image and Signal Processing and Analysis (ISPA 2011), September 4-6, 2011, Dubrovnik, Croatia.
- Chair and organizer of the Special Session in Advances in Biometrics at the 7th International Symposium on Image and Signal Processing and Analysis (ISPA 2011), September 4-6, 2011, Dubrovnik, Croatia.
- Technical Committee Member of BIOSIG 2011 – International Conference of the Biometrics Special Interest Group, September 2011, Darmstadt, Germany.

- Technical Committee Member of ICASSP 2011, IEEE International Conference on Acoustics, Speech and Signal Processing, 22-27 May 2011, Prague, Czech Republic.

2010

- **General Chair** of 12th ACM Workshop on Multimedia and Security, September 9-10, 2010 Roma, Italy
- **Guest Editor** of the special issue “Future trends in Biometric Processing” IET Computer Vision, September 2011.
- **Program Chair** of the “EU COST 2101 Workshop on Privacy and Security for Biometrics”, May 2010, Las Palmas, Spain
- Technical Committee Member of the IEEE Fourth International Conference on Biometrics: Theory, Applications and Systems, BTAS 2010, Washington DC, USA, September 2010.
- Technical Committee Member of The Sixth International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2010, September 15-17, 2010, Darmstadt, Germany.
- Technical Committee Member of the 16th European Signal Processing Conference (EUSIPCO) 2010, 23-27 August 2010, Aalborg, Denmark.
- Technical Committee Member of the 20th International Conference on Pattern Recognition, ICPR 2010, 23-26 August 2010, Istanbul, Turkey.
- Technical Committee Member of the Second European Workshop on Visual Information Processing – EUVIP2010, July 5-6, 2010, Paris, France.

2009

- Technical Committee Member of IEEE Third International Conference on Biometrics: Theory, Applications and systems, BTAS 2009, Washington DC, USA, 28-30 September 2009.
- Technical Committee Member of SPIE Defense Security: Biometric Technology for Human Identification VI, Orlando, FL (USA), 13-17 April 2009.
- Technical Committee Member of the workshop “Artificial Intelligence Approaches for Biometric Template Creation and Multibiometrics fusion” in the framework of the 5th IFIP Conference on Artificial Intelligence Applications & Innovations April 23-25, 2009 (AIAI 2009), Thessaloniki, Greece.
- Technical Committee Member of The Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2009, September 12 - 14, 2009 Kyoto, Japan
- Technical Committee Member of 13th Conference on Computer analysis of images and Patterns 2009, Muster, Germany.

2008

- Technical Committee Member of the 1st IEEE Workshop on “Robust Biometrics: Understanding the Science & Technology” (ROBUST 2008), November 2008, Honolulu, Hawaii, USA.
- Technical Committee Member of the 16th European Signal Processing Conference (EUSIPCO) 2008, 25-29 August 2008, Lausanne, Switzerland.
- Session chair of the session “Medical Imaging” at SPIE Electronic Imaging 2008, “Image processing: algorithms and systems VI”, 28-31 January 2008, San José, CA, USA.
- Session chair of the session “Identification and Feature Detection II” at SPIE Defense Security 2008, “Mobile Multimedia/Image Processing, Security, and Applications 2008”, 16-20 March 2008, Orlando, FL (USA).

2007

- Technical Committee Member of the 15th European Signal Processing Conference (EUSIPCO) 2007, 3-7 September, 2007, Poznan, Poland.
- Session chair of the session “Application and Systems II” at SPIE Electronic Imaging 2007, “Image processing: algorithms and systems V”, 28 January - 1 February 2007, San José, CA, USA.

2006

- Session chair of the session “Features Extraction” at the 14TH European Signal Processing Conference EUSIPCO 2006, 4-8 September 2006, Florence, Italy.
- Session chair of the session “Algorithm and Systems” at SPIE Electronic Imaging 2006, “Image Processing: Algorithms and Systems, Neural Networks, and Machine Learning”, 15-19 January 2006, San José, CA, USA.

2005

- Session chair of the session “Image Classification and recognition I” at SPIE Electronic Imaging 2005, “Image processing: algorithms and systems IV”, 17-18 January 2005, San José, CA, USA.
- Technical Committee Member of the International Workshop on Digital Watermarking 2005 (IWDW 2005), 15-17 September 2005, Siena, Italy.
- Technical Committee Member of the IEEE International Symposium on Image and Signal Processing and Analysis (ISPA 2005), 15-17 September 2005, Zagreb, Croatia.

2004

- Technical Committee Member of the IEEE International Workshop on Multimedia Signal Processing 2004 (MMSP04), September 2004, Siena, Italy.
- Session chair of the session “Image Representation and Modelling (Lecture)” at the 12TH European Signal Processing Conference EUSIPCO 2004, 6-10 September 2004, Vienna, Austria.

2003

- Technical Committee Member of the IEEE International Conference on Multimedia and Expo 2003 (ICME 2003), 6-9 July 2003 Baltimore, USA.
- Technical Committee Member of the IEEE International Symposium on Image and Signal Processing and Analysis (ISPA 2003), 18-20 September 2003, Roma, Italy
- Organizer of the Special session “Texture analysis, synthesis, classification, segmentation” in IEEE International Symposium on Image and Signal Processing and Analysis (ISPA 2003), 18-20 September 2003, Roma, Italy.

2002

- Technical Committee Member of the IEEE International Conference on Multimedia and Expo 2002 (ICME 2002), 26-29 August 2002, Lausanne, Switzerland.

Edited Books

- EB1 High Dynamic Range Video, Concepts, Technologies and Applications, Academic Press, ISBN:9780128094778, Eds. Chalmers A.; **P. Campisi**; Shirley P.; Olaizola I. November 2016.
- EB2 Privacy and Security in Biometrics. *Editor: P. Campisi*, SPRINGER, ISBN 978-1-4471-5230-9, July 2013.
- EB3 Blind image deconvolution: theory and applications. *Editors: P. Campisi*, K. Egiazarian, CRC press, Boca Raton (FL), ISBN: 9780849373671, May 2007.

Referred Book Chapters

- B1 D. La Rocca, **P. Campisi**, G. Scarano, "Stable EEG Features for Biometric Recognition in resting state conditions", Biomedical Engineering Systems and Technologies, M. Fernandez-Chimeno et al. (Eds), Springer 2014. 10.1007/978-3-662-44485-6_22, Print ISBN 978-3-662-44484-9
- B2 **P. Campisi**, D. La Rocca, "EEG Biometrics", in Encyclopedia of Biometrics, Editor Stan Z. Li, Springer, Second Edition, ISBN 978-3-642-27733-7, Sept. 2014. 10.1007/978-3-642-27733-7_9145-2
- B3 **P. Campisi**, "Security and Privacy in Biometrics: Towards a Holistic Approach", in Privacy and Security in Biometrics. *Editor: P. Campisi*, SPRINGER, ISBN 978-1-4471-5230-9, July 2013. 10.1007/978-1-4471-5230-9_1, Print ISBN 978-1-4471-5229-3
- B4 E. Maiorana, **P. Campisi**, A. Neri "*Cancelable Biometrics for On-line Signature Recognition*", in New Technologies for Digital Crime and Forensics: Devices, Applications and Software, Chang-Tsun Li and Anthony T.S. Ho., editors, IGI Global, Hershey, PA. USA, 2011. 10.4018/978-1-60960-515-5.ch020
- B5 **P. Campisi**, E. Maiorana, and A. Neri, "*Signature Biometrics*", in Encyclopedia of Cryptography and Security, Editors Henk C. A. van Tilborg, Sushil Jajodia, Springer, 2011. 10.1007/978-1-4419-5906-5_746 Print ISBN 978-1-4419-5905-8
- B6 **P. Campisi**, E. Maiorana, H. Mouchere, C. Viard-Gaudin, and A. Neri, "*Handwriting analysis*", in Encyclopedia of Cryptography and Security, Editors Henk C. A. van Tilborg, Sushil Jajodia, Springer, 2011 10.1007/978-1-4419-5906-5_886, Print ISBN 978-1-4419-5905-8
- B7 **P. Campisi**, A. Neri, "*Keystroke Dynamics*", in Encyclopedia of Cryptography and Security, Editors Henk C. A. van Tilborg, Sushil Jajodia, Springer, 2011. 10.1007/978-1-4419-5906-5_877 Print ISBN 978-1-4419-5905-8

- B8 L. Nanni, E. Maiorana, A. Lumini, **P. Campisi**, “*On-Line Signature Verification: Comparison and fusion of Feature Based and Function Based Classifiers*”, Biometrics: Methods, Applications and Analyses, ISBN: 978-1-60876-412-9 Editors: H. Schuster, W. Metzger, 2009 Nova Science Publishers, Inc.
- B9 **P. Campisi**, E. Maiorana, and A. Neri, “*Privacy Enhancing Technologies in Biometrics*” in Handbook of Research on Computational Forensics, Digital Crime and Investigation: Methods and Solutions. Editor Chang-Tsun Li, IGI Global, Hershey, PA. USA, ISBN-13: 9781605668369, January 2010.
- B10 **P. Campisi**, E. Maiorana, A. Neri, “*Iris Template Protection*”, in Encyclopedia of Biometrics, Editor Stan Z. Li, Springer, ISBN-13: 978-0387730028 , August 2009. 10.1007/978-0-387-73003-5_308
- B11 **P. Campisi**, E. Maiorana, and A. Neri, “*On-line signature based authentication: template security issues and countermeasures*”, in Biometrics: Theory, Methods, and Applications”, Editors: N. Boulgouris, K.N. Plataniotis, E. Micheli-Tzanaku, in print, Wiley/IEEE, ISBN: 978-0-470-24782-2, December 2009.
- B12 P. Le Callet, F. Autrusseau, **P. Campisi**, “*Visibility control and Quality assessment of watermarking and data hiding algorithms*”, chapter IX, pp. 163-191, in Multimedia Forensics and Security. Editore: Chang-Tsun Li, IGI Global, Hershey, PA. USA, ISBN-13: 978-1599048697, June 2008.
- B13 **P. Campisi**, S. Colonnese, A. Neri, G. Panci, G. Scarano, “*Blind Image Deconvolution using Bussgang techniques: Applications to deblurring and texture synthesis*”, chapter 2, pp. 43-93, in Blind image deconvolution: theory and applications. Editori: P.Campisi, K. Egiazarian, CRC press, Boca Raton (FL), ISBN: 9780849373671, May 2007.
- B14 **P. Campisi**, A. Piva, “*Data hiding for image and video coding*”, chapter 10, pp 255-281, in Document and Image Compression, Editor: M. Barni, CRC, New York, ISBN-13: 978-0849335563, May 2006.

Referred Journal Publications

- J1. **P. Campisi**, A. Neri, G. Scarano, "*Reduced Complexity Modeling and Reproduction of Colored Textures*", IEEE Transactions on Image Processing, Vol.9, No. 3, pp. 510-518, March 2000.
- J2. **P. Campisi**, J.C.K. Yan, D. Hatzinakos, "*Signal-Dependent Film Grain Noise Generation using Homomorphic Adaptive Filtering*", IEE Proceedings on Vision, Image, and Signal Processing, Issue 3, Vol. 147, pp. 283-287, June 2000.
- J3. **P. Campisi**, D. Hatzinakos, A. Neri, "*A Perceptually Lossless, Model based, Texture Compression Technique*", IEEE Transactions on Image Processing, Vol.9, No. 8, pp.1325-1336, August 2000.
- J4. **P. Campisi**, C. Becchetti, "*Parsimonious Texture Representation Employing Gaussian Binary Processes and Binomial Linear Prediction*", Signal Processing-Image Communication, Vol. 16, No. 6, pp.521-530, February 2001.
- J5. **P. Campisi**, G. Scarano, "*A multiresolution approach for texture synthesis using the circular harmonic functions*", IEEE Transactions on Image Processing, Vol. 11, No. 1, pp. 37-51, January 2002.
- J6. **P. Campisi**, D. Kundur, D. Hatzinakos, A. Neri, "*Compressive Data Hiding: An Unconventional Approach for Improved Color Image Coding*", EURASIP Journal on Applied Signal Processing, Special issue on Emerging Applications of Multimedia Data Hiding, Volume 2002, No.2, pp. 152-163.
- J7. **P. Campisi**, M. Carli, G. Giunta, A. Neri, "*Blind quality assessment system for multimedia communications using tracing watermarking*", IEEE Transactions On Signal Processing, Special issue on Signal Processing for Data Hiding in Digital Media & Secure Content Delivery, Vol. 51, No.4, pp. 996-1002, April 2003.
- J8. G. Panci, **P. Campisi**, C. Colonnese, G. Scarano, "*Multichannel blind image deconvolution using the Bussgang algorithm: spatial and multiresolution approaches*", IEEE Transactions on Image Processing, Vol. 12, No.11, pp. 1324-1337, November 2003.
- J9. Y. Zhao, **P. Campisi**, D. Kundur, "*Dual Domain Watermarking for Authentication and Compression of Cultural Heritage Images*", IEEE Transactions on Image Processing Special Issue on Cultural Heritage, Vol.13, No.3, pp.430-448, March 2004.
- J10. **P. Campisi**, A. Neri, G. Panci, G. Scarano, "*Robust rotation-invariant texture classification using a model based approach*", IEEE Transactions on Image Processing, Vol.13, No.6, pp. 782-791, June 2004.
- J11. **P. Campisi**, D. Kundur, A. Neri, "*Robust digital watermarking in the Ridgelet domain*", IEEE Signal Processing Letters vol.11, no.10, pp. 826-830, October 2004.

- J12. C. Colonnese, **P. Campisi**, G. Panci, G. Scarano, "*Blind image deblurring driven by nonlinear processing in the edge domain*", EURASIP Journal on Applied Signal Processing, Special issue on nonlinear Signal and Image processing II, November 2004, Vol. 2004, No. 16, pp. 2462-2475.
- J13. **P. Campisi**, C. Colonnese, G. Panci, G. Scarano, "*Blind phase recovery for QAM communication systems*", IEEE Transactions on Signal Processing vol.53, no.4, pp. 1348-1358, April 2005.
- J14. G. Panci, C. Colonnese, **P. Campisi**, G. Scarano, "*Blind equalization for correlated input symbols: a Busgang approach*", IEEE Transactions on Signal Processing vol.53, No. 5 May 2005.
- J15. **P. Campisi**, S. Colonnese, G. Panci, G. Scarano, "*Reduced complexity rotation-invariant texture classification using a blind deconvolution approach*", IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 28, no. 1, January 2006.
- J16. M. Carli, **P. Campisi**, A. Neri, "*Perceptual aspects in data hiding*", Telecommunication Systems, Springer, October 2006.
- J17. G. Papari, **P. Campisi**, N. Petkov, A. Neri, "*A biologically motivated multiresolution approach to contour detection*" EURASIP JASP Special Issue on Image Perception, Volume 2007.
- J18. **P. Campisi**, E. Maiorana, A. Neri, "*Video texture fractal modeling*", IEEE Signal Processing Letters, vol. 14, no.6, June 2007.
- J19. G. Papari, N. Petkov, **P. Campisi**, "*Artistic Edge and Corner Enhancing Smoothing*" IEEE Transactions on Image Processing, vol.16, no. 10, October 2007.
- J20. E. Maiorana, **P. Campisi**, and A. Neri, "*User Adaptive Fuzzy Commitment for Signature Templates Protection and Renewability*," SPIE Journal of Electronic Imaging, Special Section on Biometrics: Advances in Security, Usability and Interoperability, Vol. 17, No. 1, pp. 011011-1 011011-12, January-March 2008.
- J21. **P. Campisi**, E. Maiorana, A. Neri, G. Scarano, "*Video Textures Modeling and Synthesis using Fractal Processes*," IET Image Processing (former IEE Proceedings - Vision, Image, and Signal Processing), Vol. 2, No. 1, pp. 1-17, February 2008.
- J22. **P. Campisi**, "*Biometrics as a tool for people authentication*", Networked audiovisual media technologies, #20 Monthly Newsletter, May 2008, <http://www.visnet-noe.org>
- J23. A. Benoit, P. Le Callet, **P. Campisi**, R. Cousseau, "*Quality assessment of stereoscopic images*", EURASIP Journal on Image and Video Processing, Special issue on "3D image and video processing", Volume 2008 (2008), Article ID 659024.
- J24. **P. Campisi**, "*Object oriented stereo image digital watermarking*", SPIE Journal of Electronic Imaging, J. Electron. Imaging October - December 2008, Volume 17, Issue 4.

- J25. **P. Campisi**, E. Maiorana, Lo Bosco, A. Neri “*User Authentication using keystroke dynamics for cellular phones*”, IET Signal Processing Special Issue on Biometric Recognition, Vol. 3, Issue 4, pp. 333–341, July 2009. DOI [10.1049/iet-spr.2008.0171](https://doi.org/10.1049/iet-spr.2008.0171)
- J26. E. Maiorana, **P. Campisi**, A. Neri, “*Template Protection and Renewability for Dynamic Time Warping based Biometric Signature Verification*”, International Journal for Digital Crime and Forensic, Vol.1 No. 4, Oct-Dec 2009. [10.4018/jdcf.2009062404](https://doi.org/10.4018/jdcf.2009062404)
- J27. E. Maiorana, **P. Campisi**, “*Fuzzy Commitment for Function Based Signature Template Protection*”, IEEE Signal Processing Letters, Vol. 17, Issue 3, pp. 249 – 252, March 2010. [10.1109/LSP.2009.2038111](https://doi.org/10.1109/LSP.2009.2038111)
- J28. L. Nanni, E. Maiorana, A. Lumini, **P. Campisi**, “*Combining local, regional and global matchers for a template protected on-line signature verification system*”, Expert System with Applications, 37, (2010), pp. 3676-3684. [doi:10.1016/j.eswa.2009.10.023](https://doi.org/10.1016/j.eswa.2009.10.023)
- J29. E. Maiorana, **P. Campisi** , J. Fierrez, J. Ortega-Garcia, A. Neri “*Cancelable Template for Sequence-based Biometrics with Application to on-line Signature Recognition*”, IEEE System Man and Cybernetics-Part A: Systems and Humans, vol.40, no.3, pp. 525-538, May 2010. [10.1109/TSMCA.2010.2041653](https://doi.org/10.1109/TSMCA.2010.2041653)
- J30. E. A. Rua, E. Maiorana, J.L. Alba Castro, **P. Campisi**, “*Biometric Template Protection Using Universal Background Models: An Application to On-line Signature*” IEEE Transactions on Information Forensics and Security, vol. 7, issue 1, Feb. 2012. [10.1109/TIFS.2011.2168213](https://doi.org/10.1109/TIFS.2011.2168213)
- J31. G. Papari, **P. Campisi**, N. Petkov, “*New families of Fourier Eigenfunctions using steerable filters*”, IEEE Transaction on Image Processing, vol. 21 , no. 6 Page(s): 2931 – 2943, 2012 [10.1109/TIP.2011.2179060](https://doi.org/10.1109/TIP.2011.2179060)
- J32. **P. Campisi**, D. La Rocca, G. Scarano, “*EEG for Automatic Person Recognition*”, IEEE Computer, July 2012 (vol. 45 no. 7) pp. 87-89. [10.1109/MC.2012.233](https://doi.org/10.1109/MC.2012.233)
- J33. **P. Campisi**, D. La Rocca, “*Brain waves for automatic biometric based user recognition*”, IEEE Transactions on Information Forensics and Security, vol. 9, issue 5, May 2014. [10.1109/TIFS.2014.2308640](https://doi.org/10.1109/TIFS.2014.2308640)
- J34. D. La Rocca, **P. Campisi**, B. Vegso, P. Cserti, G. Kozmann, F. Babiloni, F. De Vico Fallani, “*Human brain distinctiveness based on EEG spectral coherence*”, IEEE Transaction on Biomedical Engineering vol. 61, issue 9, pag. 2406-2412, 2014.
- J35. E. Maiorana, G. E. Hine, **P. Campisi**, “*Hill-Climbing Attacks on Multi-Biometrics Recognition Systems*”, IEEE Transactions on Information Forensics and Security, Dec. 2014. [10.1109/TIFS.2014.2384735](https://doi.org/10.1109/TIFS.2014.2384735),

- J36. E. Maiorana, D. La Rocca, **P. Campisi**, “*EigenBrains and EigenTensorBrains: Parsimonious Bases for EEG Biometrics*”, vol. 171, Neurocomputing, January 2016, pages 638–648. [10.1016/j.neucom.2015.07.005](https://doi.org/10.1016/j.neucom.2015.07.005)
- J37. E. Maiorana, **P. Campisi**, “*Multi-bit Watermarking of High Dynamic Range Images based on Perceptual Models*”, Security Comm. Networks, Sept, 2015. 10.1002/sec.1345
- J38. E. Maiorana, D. La Rocca, **P. Campisi**, “*On the permanence of EEG signals for biometric recognition*”, IEEE Transactions on Information Forensics and Security, vol.11, issue 1, January 2016, [10.1109/TIFS.2015.2481870](https://doi.org/10.1109/TIFS.2015.2481870)
- J39. E. Maiorana, **P. Campisi**, “*High Capacity watermarking of High Dynamic Range images*”, EURASIP journal image video processing, 2016:3, [10.1186/s13640-015-0100-7](https://doi.org/10.1186/s13640-015-0100-7)
- J40. R. Das, E. Maiorana, **P. Campisi**, “*EEG Biometrics Using Visual Stimuli: a Longitudinal Study*”, IEEE Signal Processing Letters, vol. 23 issue 3, March 2016, pages 341-345, [10.1109/LSP.2016.2516043](https://doi.org/10.1109/LSP.2016.2516043)
- J41. Daria La Rocca, Viviana Masia, Emanuele Maiorana, Edoardo Lombardi Vallauri, **Patrizio Campisi**, “*Brain response to Information Structure misalignments in linguistic contexts*”, Neurocomputing 199, 1-15, 2016, 10.1016/j.neucom.2016.03.001
- J42. Emanuele Maiorana, Jordi Solé-Casals, **Patrizio Campisi**, “*EEG signal pre-processing for biometric recognition*,” Machine Vision and Applications 2016, DOI: 10.1007/s00138-016-0804-4
- J43. Wu, Min; Hajj-Ahmad, Adi; Kirchner, Matthias; Ren, Yanpin; Zhang, Changshui **Campisi, Patrizio** “*Location Signatures That You Don't See: Highlights from the IEEE Signal Processing Cup 2016 Student Competition*”. DOI:10.1109/MSP.2016.2581738. pp.149-156. In IEEE Signal Processing Magazine vol. 33 (5), 2016
- J44. Marta Gomez-Barrero, Emanuele Maiorana, Javier Galbally, **Patrizio Campisi**, Julian Fierrez, “*Multi-Biometric Template Protection Based on Homomorphic Encryption*”, Pattern Recognition, vol. 67, July 2017, pp 149-163, [10.1016/j.patcog.2017.01.024](https://doi.org/10.1016/j.patcog.2017.01.024)
- J45. Gabriel Emile Hine, Emanuele Maiorana, **Patrizio Campisi**, “*A Zero-Leakage Fuzzy Embedder From the Theoretical Formulation to Real Data*”, IEEE Transactions on Information Forensics and Security. Vol. 12 issue 7, Page(s): 1724 – 1734, DOI: [10.1109/TIFS.2017.2686005](https://doi.org/10.1109/TIFS.2017.2686005)
- J46. Piciucco E, Maiorana E and Campisi P (2018), "Palm Vein Recognition Using a High Dynamic Range Approach", IET Biometrics., January, 2018. Institution of Engineering and Technology. DOI: 10.1049/iet-bmt.2017.0192
- J47. Maiorana E and Campisi P (2018), "Longitudinal Evaluation of EEG-Based Biometric Recognition", IEEE Transactions on Information Forensics and Security, May, 2018. Vol. 13(5), pp. 1123-1138. DOI: [10.1109/TIFS.2017.2778010](https://doi.org/10.1109/TIFS.2017.2778010)

Refereed conference papers

- C1. **P. Campisi**, A. Neri, G. Scarano, "*Synthesis-by-analysis of Complex Textures*", Proceeding of European Signal Processing Conference 1996 (EUSIPCO 96), pp.1889-1892, Trieste, Italy, 10-13 September 1996.
- C2. C. Becchetti, **P. Campisi**, "*Binomial linear predictive approach to texture modeling*", IEEE 13th. International Conference on Digital Signal Processing 1997 (DSP 97), pp.1111-1114, Santorini, Grecia, 2-4 July 1997.
- C3. **P. Campisi**, A. Neri, G. Scarano, "*Two channels synthesis-by-analysis of coloured textures*", IEE 6th International Conference on Image Processing and its Applications 1997 (IPA 97), pp. 604-608, Dublin, Ireland, 14-17 July 1997.
- C4. C. Becchetti, **P. Campisi**, "*Parsimonious texture synthesis using binomial linear prediction*", IEE 6th International Conference on Image Processing and its Applications 1997 (IPA 97), pp.600-603, Dublin, Ireland, 14-17 July 1997.
- C5. **P. Campisi**, G. Scarano, "*Computational savings using non-linear statistics in DOA estimation*", IEEE Signal Processing Workshop on Higher Order Statistics 1997 (HOS 97), pp. 359-362, Banff, Canada, 21-23 July 1997.
- C6. J. Yan, **P. Campisi**, D. Hatzinakos, "*Film Grain Noise Removal and Generation for Color Images*", IEEE International Conference on Acoustic Speech and Signal Processing 1998 (ICASSP 98), pp.2957-2960, Seattle, Washington, USA, 12-15 May 1998.
- C7. **P. Campisi**, G. Jacovitti, A. Neri, "*Optimized Wold-Like Decomposition of 2D Random Fields*", IX European Signal Processing Conference 1998 (EUSPICO 98), pp.1681-1684, Island of Rhodes, Grecia, 8-11 September 1998.
- C8. **P. Campisi**, A. Neri, D. Hatzinakos, "*An Analysis Based, Perceptually Lossless, Texture Compression Method*", IEEE International Conference on Image Processing 1998 (ICIP 98), pp.423-427, Chicago, Illinois, USA, 4-7 October 1998.
- C9. **P. Campisi**, A. Neri, G. Scarano, "*A Single Input Three Output Model Based Approach to Color Texture Generation*", IEEE International Conference on Image Processing 1998 (ICIP 98), pp.67-71, Chicago, Illinois, USA, 4-7 October 1998.
- C10. **P. Campisi**, A. Longari, A. Neri, "*Automatic key frame selection using a wavelet based approach*", SPIE's International Symposium on Optical Science, Engineering, and Instrumentation, vol.3813, pp. 861-872, Denver, Colorado, USA, 18-23 July 1999.
- C11. **P. Campisi**, M. Gentile, A. Neri, "*A Wavelet transform based videoconferencing system with spatio-temporal scalability*", SPIE's International Symposium on Optical Science, Engineering, and Instrumentation, vol.3813, pp. 850-860, Denver, Colorado (USA), 18-23 July 1999.

- C12. **P. Campisi**, M. Gentile, A. Neri, "*Three dimensional wavelet based approach for a scalable video conference system*", IEEE International Conference on Image Processing 1999 (ICIP 99), vol. 3, pp. 802-806, Kobe, Japan, 25-28 October 1999.
- C13. **P. Campisi**, A. Neri, G. Scarano, "*Nonlinear Prediction in the 2D Wold Decomposition for Texture Modeling*", IEEE International Conference on Image Processing 2000 (ICIP 2000), vol.1, pp. 252-255, Vancouver, Canada, 10-13 September 2000.
- C14. **P. Campisi**, A. Neri, "*Synthetic summaries of video sequences using a multiresolution based key frame selection technique in a perceptually uniform color space*", IEEE International Conference on Image Processing 2000 (ICIP 2000), vol. 2, pp. 299-302, Vancouver, Canada, 10-13 September 2000.
- C15. **P. Campisi**, A. Neri, M. Visconti "*Wavelet based method for high frequency subbands watermark embedding*", SPIE Multimedia Systems and Applications III, vol. 4209, pp.344-353, Boston, MA, USA, 5-8 November 2000.
- C16. **P. Campisi**, D. Kundur, D. Hatzinakos, A. Neri, "*Hiding-Based Compression for Improved Color Image Coding*", SPIE, Photonic East, Security and Watermarking of Multimedia Contents IV, vol. 4675, pp. 230-239, San Josè, CA, USA, 21-24 January 2002.
- C17. **P. Campisi**, M. Carli, G. Giunta, A. Neri, "*Tracing watermarking for multimedia communication quality assessment*", IEEE International Conference on Communications (ICC 2002), vol. 2, pp. 1154-1158, New York, USA, 28 April – 2 May 2002.
- C18. **P. Campisi**, A. Neri, L. Sorigi, "*Automatic dissolve and fade detection for video sequences*", 14-th IEEE International Conference on Digital Signal Processing 2002 (DSP 2002), pp. 567-570, Santorini, Grecia, 1 - 3 July 2002.
- C19. G. Panci, **P. Campisi**, S. Colonnese, G. Scarano, "*The Bussgang algorithm for multichannel blind image restoration*", XI European Signal Processing Conference 2002, (EUSPICO 2002), vol. 2, pp. 270-273, Toulouse, France, 3-6 September 2002.
- C20. **P. Campisi**, M. Carli, G. Giunta, A. Neri, "*Tracing watermarking techniques for multimedia wireless communications*", Tyrrhenian International Workshop on Digital Communications (IWDC 2002), pp. 267-272, Capri, Italy, 8-11 September 2002.
- C21. G. Panci, **P. Campisi**, S. Colonnese, G. Scarano, "*Non linear estimators for multichannel blind image deconvolution using the Bussgang algorithm: a spatial and a multiresolution approach*", Tyrrhenian International Workshop on Digital Communications (IWDC 2002), pp. 327-331, Capri, Italy, 8-11 September 2002.
- C22. **P. Campisi**, A. Neri, G. Scarano, "*Model based rotation-invariant texture classification*", IEEE International Conference on Image Processing 2002 (ICIP 2002), vol. 3, pp. 117-120, Rochester, New York, USA, 22-25 September 2002.

- C23. **P. Campisi**, G. Giunta, A. Neri, “*Object-based quality of service assessment using semi-fragile tracing watermarking in MPEG-4 video cellular services*”, IEEE International Conference on Image Processing 2002 (ICIP 2002), vol.2, pp. 881-884, Rochester, New York, USA, 22-25 September 2002.
- C24. **P. Campisi**, A. Neri, L. Sorigi, “*Wipe effect detection for video sequences*”, IEEE international workshop on Multimedia Signal Processing 2002 (MMSP02), pp. 161-164, Virgin Islands, USA, 9-11 December 2002.
- C25. S. Colonnese, G. Panci, **P. Campisi**, G. Scarano, “*Fractionally spaced Bussgang equalization for GMSK modulated signals*”, Seventh International Symposium on Signal Processing and its Applications (ISSPA 2003), vol.1, pp. 661-664, Paris, France, 1-4 August 2003.
- C26. **P. Campisi**, G. Giunta, A. Neri, “*Quality of service assessment for MPEG-2/4 videos in multimedia mobile communications using digital watermarking*”, IASTED Conference on Signal and Image Processing 2003 (SIP 2003), pp. 27-32, Hawaii, USA, 13-15 August 2003.
- C27. **P. Campisi**, S. Colonnese, G. Panci, G. Scarano, “*Multichannel Bussgang algorithm for blind restoration of natural images*”, IEEE International Conference on Image Processing (ICIP 2003), vol. 2, pp. 985- 988, Barcelona, Spagna, 14-17 September 2003.
- C28. **P. Campisi**, A. Neri, G. Scarano, “*Bussgang deconvolution for texture synthesis and classification,*” IEEE International Symposium on Image and Signal Processing and Analysis (ISPA 2003), vol. 1, pp. 90-95, Roma, Italy, 18-20 September 2003.
- C29. D. Kundur, Y. Zhao, **P. Campisi**, “*A steganographic framework for dual authentication and compression of high resolution imagery,*” IEEE International Symposium on Circuits and System (ISCAS 2004), vol. 2, pp.1-4, Vancouver, Canada, 23-26 May 2004.
- C30. **P. Campisi**, G. Panci, C. Colonnese, G. Scarano, “*Blind phase recovery for QAM constellations*”, 12TH European Signal Processing Conference EUSIPCO 2004, pp. 913-916, Vienna, Austria, 7-10 September 2004.
- C31. C. Colonnese, **P. Campisi**, G. Panci, G. Scarano, “*Blind image deblurring in the edge domain*”, 12TH European Signal Processing Conference EUSIPCO 2004, pp. 473-476, Vienna, Austria, 7-10 September 2004.
- C32. **P. Campisi**, E. Maiorana, A. Neri, “*Video texture synthesis using fractal processes*”, SPIE Electronic Imaging - Image Processing: Algorithms and Systems IV, vol. 5672, pp. 349-357, San Josè, CA, USA, 17-18 January 2005.
- C33. A. Neri, **P. Campisi**, M. Carli, E. Drelie Gelasca, “*Watermarking hiding in video sequences*” (invited paper), First international workshop on video processing and quality metrics for consumer electronics, (CD Proceedings, 4 pagine), Scottsdale, Arizona, USA, 23-25 January, 2005 (invited paper).

- C34. **P. Campisi**, A. Neri, “*Video Watermarking in the 3D-DWT domain using perceptual masking*”, IEEE International Conference on Image Processing (ICIP 2005), vol. 1 pp. 997-1000, Genova, Italy, 11-14 September 2005.
- C35. **P. Campisi**, A. Neri, “*Perceptual video watermarking in the 3D-DWT domain using a multiplicative approach*”, International workshop on digital watermarking (IWDW 2005), pp. 432-443, Siena, Italy, 15-17 September, 2005.
- C36. **P. Campisi**, “*Video watermarking in the 3D-DWT domain using quantization-based methods*”, IEEE International Workshop on Multimedia Signal Processing 2005 (MMSP 2005), pp. 517-520, Shanghai, China, 30 October - 2 November 2005.
- C37. M. Carli, **P. Campisi**, A. Neri, “*Data hiding driven by perceptual features*”, IEEE International Workshop on Multimedia Signal Processing 2005 (MMSP 2005), pp. 117-119, 30 October - 2 November, 2005.
- C38. G. Papari, **P. Campisi**, A. Neri, N. Petkov, “*A multiscale approach to contour detection surrounding inhibition of texture*”, SPIE Electronic Imaging 2006, Image Processing: Algorithms and Systems, Neural Networks, and Machine Learning, vol. 6064, pp. 60640D-1 60640D-12, San José, CA, USA, 16-18 January 2006.
- C39. **P. Campisi**, A. Neri, “*Video Watermarking using quantization index modulation in the 3D-DCT domain*”, Second International Workshop on Video Processing and Quality Metrics (VPQM), Scottsdale, Arizona, USA, 23-25 January 2006.
- C40. R. Caldelli, **P. Campisi**, M. Carli, A. De Rosa, A. Neri, “*Perceptual aspects exploitation in video data hiding*”, Second International Workshop on Video Processing and Quality Metrics (VPQM), Scottsdale, Arizona, USA, 23-25 January 2006
- C41. M. Carli, **P. Campisi**, A. Neri, “*Data hiding driven by perceptual features for secure communications*”, Proc. IEEE 5th International Conference on Networking, ICN'06, (DOI 10.1109/ICNICONSMCL.2006.70), Mauritius, 23-29 April 2006.
- C42. G. Papari, **P. Campisi**, A. Neri, N. Petkov, “*Contour detection by surround inhibition in the circular harmonic functions domain*”, 14TH European Signal Processing Conference EUSIPCO 2006, Florence, Italy, 4-8 September 2006.
- C43. G. Papari, **P. Campisi**, A. Neri, N. Petkov, “*Contour detection by multiresolution surround inhibition*”, IEEE International Conference on Image Processing (ICIP 2006), pp. 749-752, 8-11 October 2006, Atlanta, USA (**IBM Best Student Paper award**).
- C44. G. Papari, **P. Campisi**, A. Neri, N. Petkov, “*Multiresolution Contour Detection Using Two-level Surround Inhibition*”, 3rd International Conference on Computers and Devices for Communication, (CODEC06), Kolkata, India, 18-20 December 2006. (invited paper).

- C45. G. Papari, **P. Campisi**, N. Petkov, “*Multilevel surround inhibition. A biologically inspired contour detector*”, SPIE Electronic Imaging 2007, Image Processing: Algorithms and Systems V, vol. 6497, pp. 649702-1 649702-11, San José, CA, USA, 29-30 January 2007.
- C46. G. Papari, **P. Campisi**, N. Petkov, “*Edge and Corner Preserving Smoothing for Artistic Imaging*”, SPIE Electronic Imaging 2007, Image Processing: Algorithms and Systems V, vol. 6497, pp. 64970J-1 64970J-11, San José, CA, USA, 29-30 January 2007.
- C47. **P. Campisi**, E. Maiorana, M. Gonzalez Prats, A. Neri, “*Adaptive and Distributed Cryptography for Signature Biometrics Protection*”, SPIE Electronic Imaging 2007, Security, Steganography, and Watermarking of Multimedia Contents IX, vol. 6505, pp. 650510-1 650510-11, San José, CA, USA, 29 January - 1 February 2007.
- C48. E. Marini, F. Atrousseau, P. Le Callet, **P. Campisi**, “*Evaluation of standard watermarking techniques*”, SPIE Electronic Imaging 2007, Security, Steganography, and Watermarking of Multimedia Contents IX, vol. 6505, pp. 65050O-1 65050O-10, San José, CA, USA, 29 January - 1 February 2007.
- C49. E. Maiorana, **P. Campisi**, A. Neri, “*Multi-level Signature based Biometric Authentication using Watermarking*”, SPIE Defense and Security 2007, Mobile Multimedia/Image Processing For Military and Security Applications 2007, vol. 6579, pp. 65790J-1 65790J-12, Orlando, FL, USA, 11-12 April 2007.
- C50. A. Neri, D. Blasi, **P. Campisi**, “*Secure OFDM-UWB communication based on Phase Hopping*”, SPIE Defense and Security 2007, Mobile Multimedia Image Processing For Military and Security Applications 2007, DOI: 10.1117/12.719160, vol. 6579, pp. 65790T-1 65790T-10, Orlando, FL, USA, 11-12 April 2007.
- C51. A. Kingston, S. Colosimo, **P. Campisi**, F. Atrousseau, “*Lossless Image Compression And Selective Encryption Using A Discrete Radon Transform*”, IEEE International Conference on Image Processing (ICIP) 2007 vol. 4 pp. 465-468, San Antonio, TX, USA, 16-19 September 2007.
- C52. **P. Campisi** and A. Neri, “*3D-DCT Video Watermarking Using Quantization-Based Methods*”, 15th European Signal Processing Conference (EUSIPCO) 2007, pp. 2544-2548, Poznan, Poland, 3-7 September 2007.
- C53. **P. Campisi**, P. Le Callet, and E. Marini, “*Stereoscopic images quality assessment*”, 15th European Signal Processing Conference (EUSIPCO) 2007, pp. 2110-2114, Poznan, Poland, 3-7 September 2007.
- C54. E. Maiorana, **P. Campisi**, A. Neri, “*Biometric Signature Authentication Using Radon Transform-Based watermarking Techniques*”, IEEE Biometric Symposium 2007, (CD Proceedings ISBN 1-

4244-1549-7, 6 pagine) Baltimore, MD, USA, 11-13 September 2007 (**Locked Martin Best Paper Award**).

- C55. E. Maiorana, **P. Campisi**, A. Neri, “*Signature-based Authentication System using Watermarking in the Ridgelet Domain*,” SPIE Security and Defense 2007, Optics and Photonics for Counterterrorism and Crime Fighting III, vol. 6741, DOI: 10.1117/12.738013, Florence, Italy, 17-20 September 2007.
- C56. C. Ercole, **P. Campisi**, A. Neri, “*Iris-based authentication system with template protection and renewability*,” SPIE Security and Defense 2007, Optics and Photonics for Counterterrorism and Crime Fighting III, vol. 6741, DOI: 10.1117/12.737849, Florence, Italy, 17-20 September 2007.
- C57. A. Neri, D. Blasi, **P. Campisi**, “*Secure OFDM Communications based on hashing algorithms*,” SPIE Security and Defense 2007, Optics and Photonics for Counterterrorism and Crime Fighting III, vol. 6741, DOI: 10.1117/12.738319, Florence, Italy, 17-20 September 2007.
- C58. C. Ercole, **P. Campisi**, and A. Neri, “*Bayesian anisotropic denoising in the Laguerre Gauss domain*”, Proceedings of SPIE Electronic Imaging, Image Processing: Algorithms and Systems VII, vol. 6812, DOI: 10.1117/12.768024, San José, CA, USA, 28-29 January 2008.
- C59. E. Maiorana, **P. Campisi**, and A. Neri, “*On-line signature authentication: user adaptive template protection and renewability*”, Proceedings of SPIE Defense and Security, Mobile Multimedia/Image Processing, Security, and Applications 2008, vol. 6982, DOI: 10.1117/12.784538, Orlando, FL, USA, 16-20 March 2008.
- C60. E. Maiorana, M. Martinez-Diaz, **P. Campisi**, J. Ortega-Garcia, A. Neri, “*Template Protection for HMM-based On-line Signature Authentication*”, IEEE Conference on Computer Vision and Pattern Recognition 2008, Workshop on Biometrics, (CD Proceedings ISBN: 978-1-4244-2340-8) Anchorage, AK, USA, 22-28 June 2008.
- C61. E. Maiorana, **P. Campisi**, and A. Neri, “*Template Protection for On-line Signature-based Recognition Systems*”, Proceedings of BIOID 2008, Roskilde, Denmark, Springer LNCS 5372, September 2008.
- C62. A. Neri, D. Blasi, L. Gizzi, and **P. Campisi**, “*Joint Security and Channel Coding For OFDM Communications*”, 16th European Signal Processing Conference (EUSIPCO 2008), 25-29 August 2008, Lausanne, Switzerland.
- C63. E. Maiorana, **P. Campisi**, J. Ortega-Garcia, and A. Neri, “*Cancelable Biometrics for HMM-based signature Recognition*”, IEEE Second International Conference on Biometrics: Theory, Applications and Systems, (BTAS 2008), Crystal City, Virginia, USA, 29 September – 1 October 2008 (**Honeywell Best Student Paper Award**).

- C64. A. Benoit, P. Le Callet, **P. Campisi**, R. Cousseau, “*Using disparity for quality assessment of stereoscopic images*”, 2008 IEEE international conference on Image Processing, (ICIP 2008), 12-15 October 2008, San Diego, CA, USA.
- C65. G. Papari, **P. Campisi**, P. Le Callet, N. Petkov, “*Artistic Stereo Imaging By Edge Preserving Smoothing*”, IEEE 2009 Digital Signal Processing & Signal Processing Education Workshop, Marco Island, FL, USA, January 2009. [10.1109/DSP.2009.4786001](https://doi.org/10.1109/DSP.2009.4786001)
- C66. E. Maiorana, **P. Campisi**, and A. Neri, “*Feature Selection and Binarization for On-line Signature Recognition*”, The 3rd IAPR/IEEE International Conference on Biometrics (ICB 2009), June 2009, Alghero, Italy. [10.1007/978-3-642-01793-3_123](https://doi.org/10.1007/978-3-642-01793-3_123)
- C67. **P. Campisi**, E. Maiorana, and A. Neri, “*Challenges to Long Term Digital Preservation. A Glimpse Of The Italian Experience*”, 16th International Conference on Digital Signal Processing, DSP 2009, Santorini, Greece, July 2009. [10.1109/ICDSP.2009.5201056](https://doi.org/10.1109/ICDSP.2009.5201056)
- C68. **P. Campisi**, E. Maiorana, and A. Neri, “*Privacy Protection In Social Media Networks A Dream That Can Come True?*” 16th International Conference on Digital signal Processing, DSP 2009, Santorini, Greece, July 2009. [10.1109/ICDSP.2009.5201125](https://doi.org/10.1109/ICDSP.2009.5201125)
- C69. E. Maiorana, **P. Campisi**, and A. Neri, “*Template Protection for Dynamic Time Warping Based Biometric Signature Authentication*”, 16th International Conference on Digital signal Processing, DSP 2009, Santorini, Greece, July 2009. [10.1109/ICDSP.2009.5201070](https://doi.org/10.1109/ICDSP.2009.5201070)
- C70. E. Maiorana, **P. Campisi**, and A. Neri, “*Multi-matcher Dynamic Signature Recognition with Protected and Renewable Templates*”, IEEE International Conference on Biometrics, Identity & Security (BIDS) Sept. 2009, Tampa, FL, USA. [10.1109/BIDS.2009.5507531](https://doi.org/10.1109/BIDS.2009.5507531)
- C71. M. Barkowsky, P. Campisi, P. Le Callet, Vito Rizzo, “*Crosstalk measurement and mitigation for autostereoscopic displays*”, SPIE Electronic Imaging 2010, San Josè, CA, USA. [10.1117/12.839184](https://doi.org/10.1117/12.839184)
- C72. A. Neri, **P. Campisi**, E. Maiorana, F. Battisti, “*3D Video Enhancement based on human visual system characteristics*”, Fifth International Conference on Video Processing and Quality Metrics for Consumer Electronics, VPQM 2010, Jan. 2010, Scottsdale, AZ, USA (invited paper).
- C73. A. Neri, D. Blasi, **P. Campisi**, E. Maiorana, “*Joint authentication and forward error correction of still images*”, European Signal Processing Conference, EUSIPCO 2010, August 2010, Aalborg, Denmark
- C74. E. Maiorana, **P. Campisi**, N. Gonzalez-Carballo, A. Neri, “*Keystroke Dynamics Authentication for Mobile Phones*”, 26th ACM Symposium On Applied Computing, TaiChung, Taiwan, March 21-24, 2011 [10.1145/1982185.1982190](https://doi.org/10.1145/1982185.1982190)

- C75. E. Maiorana, E. Argones Rua, J.L. Alba Castro, **P. Campisi**, “*Eigen-model Projections for Protected On-line Signature Recognition*”, Biometric ID Management Workshop (BioID), Brandenburg, Germany, March 8-10, 2011. [10.1007/978-3-642-19530-3_5](https://doi.org/10.1007/978-3-642-19530-3_5)
- C76. **P. Campisi**, G. Scarano, F. Babiloni, F. De Vico Fallani, S. Colonnese, E. Maiorana, L. Forastiere, “*Brain waves based user recognition using the Eyes Closed Resting Conditions protocol*”, IEEE Intl. Workshop on Information Forensic and Security - WIFS 2011, Brazil, November 29th - December 2nd, 2011. [10.1109/WIFS.2011.6123138](https://doi.org/10.1109/WIFS.2011.6123138)
- C77. D. La Rocca, **P. Campisi**, G. Scarano, “*EEG biometrics for individual recognition in resting state with closed eyes*”, BIOSIG 2012 : IEEE International Conference of the Biometrics Special Interest Group, Darmstadt, Germany, September 2012. ISSN :1617-5468
- C78. E.A. Rua, E. Maiorana, J.L.A. Castro, **P. Campisi**, “*Feature fusion for template stability in biometric cryptosystems. An application to face biometrics based on eigen-models*”, IEEE First AESS European Conference on Satellite Telecommunications (ESTEL), Oct. 2012. [10.1109/ESTEL.2012.6400114](https://doi.org/10.1109/ESTEL.2012.6400114)
- C79. E. Maiorana, D. Blasi, **P. Campisi**, “*Biometric Template Protection using Turbo Codes and Modulation Constellations*”, IEEE Intl. Workshop on Information Forensic and Security - WIFS 2012, Tenerife, Spain, December 2-5, 2012. [10.1109/WIFS.2012.6412620](https://doi.org/10.1109/WIFS.2012.6412620) E-ISBN :978-1-4673-2286-7
- C80. **P. Campisi**, D. La Rocca, G. Scarano, “*On the Repeatability of EEG Features in a Biometric Recognition Framework Using a Resting State Protocol*”, BIOSIGNALS 2013 Third International Special Session on Multivariable Processing for Biometric Systems, Barcelona, Spain. February 11-14, 2013.
- C81. V. Solachidis, E. Maiorana, **P. Campisi**, “*HDR image multi-bit watermarking using bilateral-filtering-based masking*”, Proc. SPIE 8655, Image Processing: Algorithms and Systems XI, 865505, February 19, 2013. [10.1117/12.2005240](https://doi.org/10.1117/12.2005240)
- C82. E. Maiorana, G. E. Hine, **P. Campisi**, “*Hill-climbing attack: Parametric optimization and possible countermeasures. An application to on-line signature recognition*”, International Conference on Biometrics (ICB 2013), Madrid, Spain, June 2013. [10.1109/ICB.2013.6612961](https://doi.org/10.1109/ICB.2013.6612961)
- C83. V. Solachidis, E. Maiorana, **P. Campisi**, F. Banterle, “*HDR Image Watermarking based on Bracketing Decomposition*”, IEEE 29th. International Conference on Digital Signal Processing 2013 (DSP 13), Santorini, Greece, July 2013. [10.1109/ICDSP.2013.6622687](https://doi.org/10.1109/ICDSP.2013.6622687)
- C84. D. La Rocca, **P. Campisi** and J. Solé-Casals, “*EEG Based User Recognition Using BUMP Modeling*”, BIOSIG 2013, IEEE International Conference of the Biometrics Special Interest Group, Darmstadt, Germany, September 2013. **INSPEC Accession Number:** 13826561

- C85. V. Solachidis, E. Maiorana, **P. Campisi**, F., “*Robust multi-bit watermarking for HDR images in the Radon-DCT domain*”, 8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013), September 2013, Trieste, Italy. [10.1109/ISPA.2013.6703754](https://doi.org/10.1109/ISPA.2013.6703754)
- C86. **P. Campisi**, E. Maiorana, K. Debattista, A. Chalmers, “*High Dynamic Range media watermarking issues and challenges*”, 21st European signal Processing Conference, EUSIPCO 2013, September 2013, Marrakesh, Morocco. INSPEC Accession Number:14283694
- C87. E. Maiorana, G. E. Hine, **P. Campisi**, “*On the vulnerability of an EEG-based biometric system to hill-climbing attacks*”, IEEE Sixth International Conference on Biometrics: Theory, Applications and Systems, (BTAS 2013), Washington DC, USA, 29 September – 2 October 2013. [10.1109/BTAS.2013.6712726](https://doi.org/10.1109/BTAS.2013.6712726)
- C88. E. Maiorana, **P. Campisi**, Alessandro Neri, “*Iris template protection using a digital modulation paradigm*”, IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2014, May 4-9 2014, Florence, Italy. [10.1109/ICASSP.2014.6854304](https://doi.org/10.1109/ICASSP.2014.6854304)
- C89. E. Maiorana, D. La Rocca, **P. Campisi**, “*EEG-based biometric recognition using eigenbrains*”, IEEE International Conference on Multimedia and Expo. Workshop on User Authentication for Emerging Interfaces, Turin, Italy, 2015.
- C90. R. Das, E. Maiorana, D. La Rocca, **P. Campisi**, “*EEG-biometric for user recognition using Visually Evoked Potentials*”, BIOSIG 2015, IEEE International Conference of the Biometrics Special Interest Group, Darmstadt, Germany, September 2015.
- C91. E. Maiorana, D. La Rocca, **P. Campisi**, “*Cognitive biometric cryptosystems a case study on EEG*”, International Conference on Systems, Signals and Image Processing (IWSSIP), 2015, Year: 2015, Pages: 125 - 128, DOI: [10.1109/IWSSIP.2015.7314193](https://doi.org/10.1109/IWSSIP.2015.7314193)
- C92. M. Gomez-Barrero, J. Fierrez, J. Galbally, E. Maiorana, **P. Campisi** “*Implementation of Fixed-Length Template Protection Based on Homomorphic Encryption with Application to Signature Biometrics*”, Computer Vision and Pattern Recognition: Workshop on Biometrics, Las Vegas, USA, June 2016.
- C93. E. Piciuccio, E. Maiorana, C. Kauba, A. Uhl, **P. Campisi**, “*Cancelable Biometrics for Finger Vein Recognition*”, SPLINE 2016 International Workshop on Sensing, Processing and Learning for Intelligent Machines July 6 - 8, 2016 Aalborg, Denmark.
- C94. R. Das, E. Piciuccio, E. Maiorana, **P. Campisi**, “*Visually Evoked Potentials for EEG Biometric Recognition*”, SPLINE 2016 International Workshop on Sensing, Processing and Learning for Intelligent Machines July 6 - 8, 2016 Aalborg, Denmark.
- C95. R. Das, E. Maiorana E and **P. Campisi**, “*Visually Evoked Potential for EEG Biometrics using Convolutional Neural Network*”, In 2017, 25th European Signal Processing Conference (EUSIPCO)., Sept, 2017, pp. 981-985.

- C96. G. E. Hine, E. Maiorana and **P. Campisi**, "*Resting-state EEG: A Study on its non-Stationarity for Biometric Applications*", 2017 International Conference of the Biometrics Special Interest Group (BIOSIG).
- C97. E. Piciuccio, E. Maiorana, O. Falzon, K.P. Camilleri and **P. Campisi**, "*Steady-State Visual Evoked Potentials for EEG-Based Biometric Identification*", 2017 International Conference of the Biometrics Special Interest Group (BIOSIG)
- C98. E. Piciuccio, E. Maiorana and **P. Campisi**, "*Biometric Fusion for Palm-Vein-Based Recognition Systems*", In International Tyrrhenian Workshop on Digital Communication. , pp. 18-28.
- C99. R. Das, E. Maiorana E and **P. Campisi**, "Motor Imagery for EEG Biometrics using convolutional neural networks", IEEE International Conference on Acoustic Speech and Signal Processing, ICASSP 2018, 15-20 April, Calgary, Canada

Rome January 18th, 2018

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