

# FORMAT EUROPEAN CURRICULUM VITAE



## PERSONAL INFORMATION

Name **[DISTANTE, COSIMO]**  
Istituto di Scienze Applicate e Sistemi Intelligenti  
"ScienceApp"  
Consiglio Nazionale delle Ricerche  
c/o Dhitech Campus Universitario Ecotekne  
via Monteroni sn 73100 Lecce, Italy  
Tel. +39 0832 1975300  
Mobile +39 347 6413422

Matricola 8764

H index **25** (Google Scholar)

web page <http://people.isasi.cnr.it/~c.distante/>

## WORKING RECORDS

<b>• Date (from – to)</b>	[since 2015 ]
<b>• Name and address of the employer</b>	Consiglio Nazionale delle Ricerche, Piazzale Aldo Moro 7, 00185 Roma Istituto di Scienze Applicate e Sistemi Intelligenti
<b>• Company Type or sector</b>	Government Research Organization
<b>• kind of employment</b>	Researcher
<b>• Main duties and responsibilities</b>	Manager of the ISASI Unit of Lecce Scientific Director of several Research Projects, Secondary Sector Management, Head of Computer Vision and Pattern Recognition Research Group, Responsible of GIRPR Group Lecce Node
<b>• Date (from – to)</b>	[da June 2016]
<b>• Name and address of the employer</b>	Reco 3.26 Ltd 10-18 Union Street, London UK, SE1 1SZ
<b>• Company Type or sector</b>	Startup <a href="http://www.reco326.com">www.reco326.com</a>
<b>• kind of employment</b>	Chief Scientific Officer
<b>• Main duties and responsibilities</b>	Head of Joint Research Laboratory CNR-Leonardo-Reco3.26. Face-to-face product development in the wild. The aim of the laboratory is to develop facial biometrics systems through deep learning techniques for automatic detection and identification of faces acquired in non-cooperative mode and in unconstrained environments in the context of video surveillance. Security of borders
<b>• Date (from – to)</b>	[dal 2012- al 2015]
<b>• Name and address of the employer</b>	Taggalo srl
<b>• Company Type or sector</b>	Spinoff del CNR
<b>• kind of employment</b>	Chief Technology Officer e Chief Scientific Officer

<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Proof-of-audience product development, a intelligent vision system that analyzes faces and identifies their gender, age, and ethnicity. In addition, the system measures attention time to a commercial product
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[dal 2001- al 2009]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	Consiglio Nazionale delle Ricerche, Piazzale Aldo Moro 7, 00185 Roma Istituto per la Microelettronica e Microsistemi
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	Government Research Organization
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Ricercatore
<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Founder and Head of SIPLAB Signal Processing and Search Laboratory. Research activities in the field of Information Engineering, in particular: Image Processing, Artificial Intelligence and Pattern Recognition
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[dal 2009- al 2015]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	Consiglio Nazionale delle Ricerche, Piazzale Aldo Moro 7, 00185 Roma Istituto Nazionale di Ottica
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	Government Research Organization
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Ricercatore
<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Responsible of the research theme on "Optical Devices and ICT Methodologies for Industrial Applications". Research activities in the field of Information Engineering, in particular: Image Processing, Artificial Intelligence and Pattern Recognition
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[ dal 2008 - ]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	Ministry of Economic Development, Rome
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	Government Entity
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Member of the Innovation Technology Expert Group (renew on file DD 0006044.28-10-2016)
<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Industrial Research Projects Evaluation
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[2/2/2012 - presente]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	Ministry of Education University and Research, Rome
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	Government Entity
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Member of the Expert Board FAR DD 79/2010/Ric
<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Scientific Research Projects Evaluation
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[ dal 2012 - presente]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	University of Salento, Faculty of Engineering via Monteroni 73100 Lecce
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	University
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Contract Professor (cdl Computer Engineering)
<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Image Processing (s.s.d. Ing/Inf-03 Master in Computer Engineering 9CFU)
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[ dal 2006 al 2012]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	University of Salento, Faculty of Engineering via Monteroni 73100 Lecce
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	Università
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Contract Professor(cdl Ingegneria dell'Informazione)
<ul style="list-style-type: none"> <li>• <b>Main duties and responsibilities</b></li> </ul>	Corso di Teoria e Tecniche del Riconoscimento (s.s.d. Ing/Inf-03 specialistica in Informatica, Elettronica e Telecomunicazioni)
<ul style="list-style-type: none"> <li>• <b>Date (from – to)</b></li> </ul>	[ 2005-2006 ]
<ul style="list-style-type: none"> <li>• <b>Name and address of the employer</b></li> </ul>	University of Lecce, Faculty of Engineering via Monteroni 73100 Lecce
<ul style="list-style-type: none"> <li>• <b>Company Type or sector</b></li> </ul>	Università
<ul style="list-style-type: none"> <li>• <b>kind of employment</b></li> </ul>	Contract Professor(s.s.d. ing/inf-05 cdl Computer Engineering)
<ul style="list-style-type: none"> <li>• <b>Main duties and</b></li> </ul>	Image Processing – Computer Engineering undergraduate course

<b>responsibilities</b>	
• Date (from – to)	[ 2003-2004 ]
• Name and address of the employer	University of Lecce, Faculty of Engineering via Monteroni 73100 Lecce
• Company Type or sector	Università
• kind of employment	Contract Professor(cdl Ingegneria Informatica)
• Main duties and responsibilities	Corso di Teoria e Tecniche di Elaborazione dell'Immagine (s.s.d. K05A V.O.)
• Date (from – to)	[ 4/9/2004-3/11/2004 ]
• Name and address of the employer	Consiglio Nazionale delle Ricerche piazzale A. Moro 7 00185 Roma
• Company Type or sector	Ente di Ricerca
• kind of employment	Borsa di studio CNR-NATO
• Main duties and responsibilities	Attività di Ricerca in Signal processing per sensori di gas presso il dipartimento DIAS-UMIST Manchester UK sotto la supervisione del Prof. K. Persaud.
• Date (from – to)	[ 28/2/2008 - presente ]
• Name and address of the employer	Agenzia Regionale per la Tecnologia e l'Innovazione (ARTI – Regione Puglia)
• Company Type or sector	Ente pubblico
• kind of employment	Membro Albo degli Esperti di cui al Bollettino Ufficiale della Regione Puglia n. 33 del 28 febbraio 2008
• Main duties and responsibilities	Valutazione progetti di Ricerca industriale
• Date (from – to)	[ 19/9/2001-18/12/2001 ]
• Name and address of the employer	Department of Innovation Engineering University of Salento, Lecce via Arnesano 73100 Lecce
• Company Type or sector	
• kind of employment	Collaborazione scientifica coordinata e continuativa 19/9/2001 prot.1634
• Main duties and responsibilities	Ricercatore in elaborazione dell'immagine
• Date (from – to)	[ 19/3/2001-18/9/2001 ]
• Name and address of the employer	Department of Innovation Engineering University of Salento, Lecce via Arnesano 73100 Lecce
• Company Type or sector	
• kind of employment	Co-ordinated and Continuous Scientific Collaboration 9/3/2001 prot.498
• Main duties and responsibilities	Researcher in image processing
• Date (from – to)	[1997-2000]
• Name and address of the employer	University of Lecce, Faculty of Engineering via Arnesano 73100 Lecce
• Company Type or sector	
• kind of employment	PhD Student
• Main duties and responsibilities	PhD XIII Ciclo in Material Engineering
• Date (from – to)	[1998-1999]
• Name and address of the employer	University of Massachusetts UMASS, Computer Science Department 01003 Amherst MA, USA
• Company Type or sector	University
• kind of employment	Teaching Assistant of Prof. Victor Lesser. File GFAF n.22625 del 9/8/1998 University of Massachusetts
• Main duties and responsibilities	Artificial Intelligence CS683 Master in Scienze
• Date (from – to)	[12/1/1998-19/7/1999]
• Name and address of the employer	University of Massachusetts, Computer Science Department 01003 Amherst MA, USA

- **Company Type or sector** Università
- **kind of employment** Visiting Researcher
- **Main duties and responsibilities** *Research Scholar under the supervision of Prof. Andrew Barto and Prof. Roderic Grupen in the context of Robotics and Machine Learning. File of the United States Information Agency Exchange Visitor Program Services E455260 del 12/12/1997 e F347218 del 17/3/1999*

## EDUCATION

- Date (from – to) [21/3/1997 ]
- Name and type of education or training institute Università degli studi di Bari
- Principal subjects / occupational skills covered by the study Master degree in Computer Science: Thesis in Robotics, Pattern Recognition: “Learning reactive behaviors with reinforcement in robotics”
  - Qualification Doctor
- Date (from – to) [23 Febbraio 2001]
- Name and type of education or training institute University of Lecce, PhD XIII Cycle in Material Engineering
- Principal subjects / occupational skills covered by the study Robotics, Computer vision and Pattern Recognition
  - Qualification PhD degree
- Date (from – to) [9/2/2000-12/2/2000]
- Name and type of education or training institute Italian Association of Sensors and Microsystems (AISEM)
- Principal subjects / occupational skills covered by the study Signal processing, Sensors
  - Qualification

## PERSONAL CAPACITIES AND COMPETENCES

MOTHER TONGUE	[italian]
OTHER LANGUAGES	
	[english]
• reading capabilities	[good]
• writing capabilities	[good]
• speech capabilities	[good]
RELATIONSHIP CAPACITIES AND COMPETENCES	[Good acquisition of intercultural skills both in science and in staff. In the field of science, these skills have been gained by working closely with foreigners of other cultures and religions such as during work at the Robotics and Neural Networks at Computer Science Department of the University of Massachusetts and during the internships at the DIAS Umist UK Sensor Laboratory. From a personal point of view, such a competencies were acquired in sports, mainly team sports such as basketball and sailing.]

## ORGANIZATIONAL SKILLS

- Program Committee 9th IEEE International Conference on Big Knowledge November 17-18, 2018 <http://icbk2018.bigke.org>
- Program Committee The Third International Conference on Applications and Systems of Visual Paradigms VISUAL 2018 June 24, 2018 to June 28, 2018 - Venice, Italy
- Program committee member 13th International Symposium on Computer Vision Luxor Resort and Casino, Las Vegas November 19-21, 20 2018 ISVC2018 <http://www.isvc.net>
- Lecce Secondary Officer Head of the Institute of Applied Sciences and Intelligent Systems of CNRdal 06-11-2015 to today. Coordinates the background research group in Computer Vision, Pattern Recognition and Robotics, with 4 Personnel Personnel for Indefinite Time, 1 TD Technologist, 2 TD Researchers, a Research Assignment, 2 Ph.D. students, and a variety of Text Processing Course a degree in Computer Engineering from the University of Salento whose undersigned holds the chair.
- Leader of the Italian Group Lecce Node Researchers in Pattern Recognition GIRPR [www.girpr.it](http://www.girpr.it) Unit file: <http://www.girpr.it/en/scheda-laboratorio/?idlab=22>
- Workshop Chair IEEE AVSS 2018 Int. Conference on **Advanced Video and Signal Based Surveillance** [www.avss2018.org](http://www.avss2018.org)
- Guest Editor di MDPI Journal of Imaging, Special issue "Computer Vision and Pattern Recognition" [http://www.mdpi.com/journal/jimaging/special\\_issues/pattern\\_recognition](http://www.mdpi.com/journal/jimaging/special_issues/pattern_recognition)
- General Chair IEEE AVSS 2017 Int. Conference on **Advanced Video and Signal Based Surveillance**, Lecce 27-29 Agosto 2017 [www.avss2017.org](http://www.avss2017.org)
- Industrial Chair ICIAP 2017 Int. Conference on Image Analysis and Processing <http://www.iciap2017.com> 11-15 Settembre 2017 Catania
- General Chair del Workshop VAAM **Video Analytics for Audience Measurements** ICPR 2016 Int. Conference on Pattern Recognition, Cancùn Mexico 4 Dicembre 2016 <http://vaam.isasi.cnr.it>
- General Chair conferenza ACIVS2016 **Advanced Concepts for Intelligent Vision Systems** <http://acivs.org/acivs2016/>, Lecce 24-27 Ottobre 2016
- Since February 2016, coordinator of a joint research laboratory CNR-Parsec 3.26 / Reco3.26 for the development of security systems (face recognition "in the wild"). Additionally to the laboratory is the collaboration with Leonardo Finmeccanica for technology transfer of face-recognition "in the wild" solutions. The laboratory allowed the company Parsec3.26 to award the SARI (Automatic Image Recognition System) of the Ministry of the Interior's Public Safety Department, as provided for in Decree No 600 / C / PR / 449/0000623/17 of 30 / 1/2017. The joint laboratory together with Leonardo, Puglia Airports and Parsec3.26 / Reco3.26 start an experiment at Salento Airport (Brindisi) for detection of suspect faces in "in the wild" mode.
- Organizer of **International Workshop on Computer Vision IWCV2016** <http://iwcv2016.isasi.cnr.it>. Workshop of a high scientific level as limited to the top experts of Computer Vision, of the CVF foundation. Sponsored by Facebook, Google, Intel, Amazon, MobilEye, Microsoft, and Tencor KLA.

- Managing guest editor dello special issue **Video Analytics for Audience Measurements della rivista Pattern Recognition Letters, Elsevier**
- General Chair of the Workshop VAAM **Video Analytics for Audience Measurements** IEEE Int. Conference on Multimedia & Expo 2015 3 July 2015
- From 2014 to 2015, Head of research activity on "Optical Devices and ICT Methodologies for Social and Industrial Challenges", where the activity focuses on the development of new computational models applied in a variety of contexts. In particular, we study image processing and pattern recognition techniques for the biomedical field, visual interaction in Robot for weak users, biometrics for audience measurements and security. The group includes 5 researchers, two administrators, a post-doc and four PhD students.
- General Chair of the Workshop VAAM Video Analytics for Audience Measurements in Retail and Digital Signage. ICPR 2014 Workshop 24 August 2014
- Chair of the Workshop AMMDS 2013 : Activity Monitoring by Multiple Distributed Sensing nell'ambito della conferenza IEEE AVSS Advanced Video and Signal Based Surveillance 27 August 2013 Cracow.
- Notification of Appointment of Technical TEAM Member NATO Ref. SET 199/5161 del 30/10/2013 signed by LtCol Dr. Giovanni Sembenini and Capt. Luigi Ottaviani (Min. Defense) National NATO contact point.
- Idoneità Concorso Primo Ricercatore bando 364.88 Posizione 17 su 80
- From 2012 to 2015 served as Vice President of the CNR spin-off company Taggalo s.r.l. ([www.taggalo.co.uk](http://www.taggalo.co.uk))
- *Steering Committee member and signal processing activity leader for the IMM-CNR under the EU project INTAS-2001-0257 SmartSens Smart Sensors for Field Screening of Air Pollutants 2001-2003*
- From 2001 to 2009 Head of IMM-CNR Lecce SIPLAB (Signal and Image Processing Lab) laboratory where he coordinates the Institute's research work on the development of intelligent systems where he has been scientific advisor of several post-docs.
- Member of the NATO System Electronics and Technology (SET) Panel Research Group SET-ET-075 Exploratory Team on "Coordinated Distributed Mobile Sensors". NATO Research and Technology Organization's Activity RTO Prot. AC / 323 / SET-2012/0004 of 6/3/2012 signed by Lt. Col. ITA AF Elio Winner SET Panel Executive.
- Member of the Research task group RTO-RTG NATO System Electronics and Technology (SET) Panel SET-ET-075 Exploratory Team on "Coordinated Distributed Mobile Sensors". NATO Research and Technology Organization's Activity RTO Prot. AC/323/SET-2012/0004 6/3/2012 signed by Lt. Col. ITA AF Elio Vincitorio SET Panel Executive.

## SCHOLARSHIPS

- March 6, 2003: CNR-NATO Stock Exchange winner no. 217.34 of 16/1/2002 for internships at the University of Manchester at the laboratory of Prof. Krishna Persaud. Communication of the CNR Director of Technical Services and Service Support II - Contests and scholarships of 6/3/2003 prot. 006840
- 13/3/1998 Winner of the INFN PQE2000 Study Bond (bandon.6584 / 97). Letter from the President INFN Prof. L. Maiani of 13/3/98 prot. 006317
- 25/3/1998 Winner of the CNR Study Loan tender No 201.15.10 dated 17/4/97. Communication of the Department of Personnel Rep. II - Contests and scholarships of 25/3/1998 prot. 020926

## PRIZES AND TECHNOLOGICAL TRANSFER

- In July 2015 wins with spin-off Taggalo the ChallengeUP, Cisco-Intel-Deutsche Telekom's accelerated IoT program 14-07-2015. Joint press release from Intel, Cisco and Deutsche Telekom on 14/7/2015
- February 13, 2014 Lamark SMAU Bari Award for the socially assistive robot with high visual interaction in the treatment of autistic spectrum disorder within the Saracen Project. ResearchItaly 14/02/2014
- Dr. Distante received the Prize "Premio dei Premi" for Innovation under sector University and Public Research, June 12th 2012 from the President of the Senate of the Republic of Italy Sen. Renato Schifani.
- Winner of the National Innovation Prize Working Capital TelecomItalia PNI Cube 2011, with the Taggalo project. Dr. Distante developed and patented a solution based on a lowcost optical device that automatically detect and recognize advertisements that are displayed on a network of LCD screens in the digital signage sector.
- Winner of the Best communication Prize under StartCup CNR-ilSole24Ore Genoa 2011, Project "Taggalo".

## RESEARCH PROJECTS

- National R&D project FIRB 2003-2006: Microtechnologies for Virtual Immersive Telepresence. Study of algorithms for the automatic recognition of human shape, posture and behaviour by means of time varying images 370K€. Unit coordinator.
- Participant: Filament winding production system with complex geometry characterized by high functional performance and high reliability. Period 1999-2002. University of Salento.
- Participant: DAMA Project: Innovative Systems for Production in the Agro-Food Industry, financed by ENEA within the Structural Funds. Period 2000-2001.
- Coordinator and Scientific Manager of the PON MERMEC Project 133K € - Safety Management in Railway Circulation: innovative methodology and techniques for monitoring and diagnostics of lines and rolling stock 2003-2006. Prot. Miur 12853 from 01-01-2003 to 01-01-2006
- Coordinator and Scientific Responsible Private Research Agreement with Data Service S.p.a. with the head office in Mantova, Via P.Verri 1, P.IVA 01483450209, in the framework of the 2007 Document Acquisition, Management and Archiving Project "(acronym DAMA" Order No. 6310 on 13/06/07, from 13-06-2007 al 13-01-2008
- Coordinator and Project Manager PON 2003-2006 prot.3088.90 730K € "Creating a Distributed Multimedia Database on the Internet for sharing experimental results between the different sections of the CNR Institute of Microelectronics and Microsystems" Measure II Action C. dd Of 11/2/2003 PROT. N. 223 / RICdal 11-02-2003, 10-02-2006
- Coordinator and Scientific Responsible Project TepsDown 15K €: Integration of Psycho-Socio-Sanitary Therapeutic Processes to Protect Down Children and Their Families - TePS-Down funded by the Ministry of Health and the Puglia Region in the field of research aimed at ex art 12 and 12 bis D.Lgs 502/92 and subsequent amendments. 2006 CNR IMM prot. 354 of 2/10/2006 from 02-10-2006 to 01-01-2007
- Scientific Director and Coordinator of the Integrated Project EU Call IST2.4.2. Netcarity 13M €: A NETWORKED multisensor system for elderly people: health CARE, security and security in home environment. (2006) Cordis Ref. 045508 from 17-02-2007 al 16-02-2010
- 2005-2008 Network Europeo of Excellence GOSPEL "General Olfaction and Sensing Project at an European Level". Member of the signal processing grouping. IST-507610
- Coordinator and Scientific Resp Project PON01\_00980 Baitah: "Methodology and Instruments of Building Automation and Information", as provided by the Decree on Granting Prot. N. 680 / Ric of 14/10/2011, funded by the Ministry of Education of the University of Research under the National Operational Program for Research and Competitiveness 2007-2013 for the Regions of Convergence ("PON R & C") - Decreto Direttore del 18 gennaio 2010 n. 01 / Ric. 301K € from 14-10-2011 to 31-12-2015
- Coordinator and Contract Responsibility for Research Activities: ACTIVA Acquisition Equipment vascular network prot. INO-CNR 10227 of 20/11/2012. Department of Gynecology, Obstetrics and Neonatology University of Bari € 16.940 from 20-11-2012 to 20-01-2013
- Coordinator and Scientific Responsible for Taggalo srl (spinoff CNR) CLUSTER OF SOCIAL INNOVATION BY CROSS-DISCIPLINARY NANOTECHNOLOGICAL PLANNING FOR ENVIRONMENTAL MONITORING AND SOCIAL-NANO D.ALD HEALTHCARE n. 436 of March 13, 2013 - Presentation of Start Up Support Projects - MIUR PAC02L3\_00087, 600K € from 13-03-2013 to 28-02-2016
- Member of GE Lecce (Electronics Group) since 2004
- Member of RTO-RTG Research Group NATO System Electronics and Technology (SET) Panel SET-199 on "Coordinated Distributed Mobile Sensors". NATO Research and Technology Organization's Activity RTO Prot. AC / 323 / SET-2012/0004 of 6/3/2012 signed by Lt. Col. ITA AF Elio Winner SET Panel Executive.
- Coordinator and Responsible for PON04a3\_00201 Saracen (Socially Assistive Robot for Autistic Children Education, PON Smart Cities and Communities and Social Innovation) 292K €. from 16-10-2013 to 16-04-2015
- Coordinator and Scientific Responsible project DFM.AD001.131 FCRP project funded by the Cassa di Risparmio di Puglia Foundation referred to in the Call for Proposals 2014 "Scientific and Technological Research" issued on 10 September 2014, for the Project "Stimulation Mechanism of Interaction Mechanisms social in disorder of autistic spectrum by assisting humanoid robot "from 23/07/2015 to 22/07/2017 35,000 €
- Coordinator of the industrial project Supermonte srl: "DFM.AD001.031 / AWIS - Automatic welding inspection system" for the development of a vision machine for Keg non-destructive quality control. 2015-2016 14.000 € GAE PSAWIS. Prot CNR-ISASI 0002492 of 17/12/2015

- Project Coordinator FACE-SURVEY 2015 GAE PSINGENI industrial project from Parsec s.r.l. for security algorithms related to biometrics and Internet of Thing smart objects 115K €. 2015-2016 prot. CNR-ISASI 0000799 of 29/4/2015 from 29-04-2015 to 09-04-2016
- Coordinator and Scientific Responsive Project MUSA - Ubiquitous Social Inclusion Methodologies for Autism Apulia Region Regional Technological Innovation Clusters Code VZC4T14 478K €. 2015-2017 GAE PSMUSA from 16-12-2015 to 23-09-2017
- Coordinator and Head of the Visi Made Consulting srl industrial research project: Estimating the performance of the facial biometry system developed by CNR-ISASI. 15.000 € 2016 CNR- ISASI n. 2212 of 09/09/2016; from 09-09-2016 to 31-12-2016
- Coordinator of the Leonardo-Finmeccanica company industrial project "Face Verification in the wild" with a grant of 40K€ 2017
- Coordinator INNOLABS Apulian living lab Call project acronym CHROMO, project name: SUPPORT TO CREATING INNOVATIVE SOLUTIONS FINALIZED TO SPECIFIC PROBLEMS OF SOCIAL RIGHTS ", 105K€, 2017

## TEACHING

- Academic assignment for the advanced course of "Pattern Recognition by means of SOM and ART neural networks" in the International School on Gas Sensor of the NOSE Excellence Network, Santa Cesarea Terme LE, 28 May-2 June 2001 from 28 -05-2001 al 02-06-2001. Submitted by letter from the Director of the School Dr. Pietro Siciliano on 17/2/2001
- Contract Professor of "Theory and Image Processing Technique" K05-A of the Degree Course in Computer Engineering V.O. a.a.2003 / 2004 University of Salento. Convocated in Lecce 15/9/2003 prot. 3702 Head of the Faculty of Engineering Prof. D. Laforgia. from 15-09-2003 to 14-09-2004
- Contract Professor of "Image Processing" ing-inf / 05 of the Degree Course in Information Engineering a.a.2004 / 2005 University of Salento. Convocated in Lecce 6/7/2004 prot. 2237 Head of the Faculty of Engineering Prof. D. Laforgia. from 06-07-2004 to 05-07-2005
- May 21-29, 2005 Ustron Poland, Invited expert teacher GOSPEL's European Network of Excellence for the Lesson entitled "Pattern Recognition", email invitation and certification by Prof. Jacek Szuber, Head of the Gospel Training Center and GOSPEL School signed today May 30, 2005.
- Contract Professor of "Theory and Techniques of Recognition" ing-inf / 03 of the Specialization Degree Course in Telecommunication Engineering a.a.2006 / 2007 University of Salento. Convocated in Lecce 2/10/2006 prot. 3144 Head of the Faculty of Engineering Prof. D. Laforgia. from 02-10-2006 to 01-10-2007
- Contract Professor of "Theory and Techniques of Recognition" ing-inf / 03 of the Specialized Degree Course in Telecommunications Engineering a.a.2007 / 2008 University of Salento. Convocated in Lecce 13/7/2007 prot. 1906 Principal of the Faculty of Engineering Prof. D. Laforgia. from 13-07-2007 to 12-07-2008
- Contract Professor of "Theory and Techniques of Recognition" ing-inf / 03 of the Specialized Degree Course in Telecommunication Engineering a.a.2008 / 2009 University of Salento. Convocated in Lecce 23/7/2008 prot. 2239 Class. VII / 4.3 Head of the Faculty of Engineering Prof. Ing. V. Dattoma. from 23-07-2008 to 22-07-2009
- Contract Professor of "Theory and Techniques of Recognition" ing-inf / 03 of the Master Degree Course in Computer Engineering, a.a.2008 / 2009 University of Salento. Conveyed in Lecce 25/9/2008 prot. 2982 Class. VII / 4.3 Head of the Faculty of Engineering Prof. Ing. V. Dattoma. from 25-09-2008 to 24-09-2009
- Contract Professor Teaching and Techniques of Recognition ing-inf / 03 of the Master Degree Course in Telecommunication Engineering Or. Appliances and Systems, a.a.2009 / 2010 University of Salento. Received in Lecce 8/10/2009 Prot. 3147 Class. VII / 4.1 Chair of the Faculty of Engineering Prof. Ing. V. Dattoma. from 08-10-2009 to 07-10-2010
- Contract Professor of "Theory and Techniques of Recognition" ing-inf / 03 of the Specialized Degree Course in Telecommunication Engineering a.a.2010 / 2011 University of Salento. Received in Lecce 25/6/2010 Prot. 2313 Class. VII / 4.1 Chair of the Faculty of Engineering Prof. Ing. V. Dattoma. from 25-06-2010 to 24-06-2011
- Contract Professor "Theory and Techniques of Recognition" ing-inf / 03 of the Specialized Degree Course in Telecommunication Engineering a.a.2011 / 2012 University of Salento. Convocated in Lecce 29/9/2011 prot. 3879 Head of the Faculty of Engineering Prof. Ing. V. Dattoma. from 29-09-2011 to 28-09-2012
- Contract Professor of "Image Processing" 9CFU ing-inf / 03 of the Master Degree Course in Computer Engineering a.a.2011 / 2012 University of Salento. Convocated in Lecce 29/9/2011 prot. 3836 Class VII / 4.1 Chair of the Faculty of Engineering Prof. Ing. V. Dattoma. from 29-09-2011 to



28-09-2012

- Contract Professor of Image Processing "9CFU ing-inf / 03" of the Master Degree Course in Computer Engineering a.a.2012 / 2013 University of Salento. Custody Relocation Received in Lecce 2/10/2012 Prot. 3181 Class VII / 4.1 Director of Engineering Innovation Prof. Ing. G. Ghiani. from 02-10-2012 to 01-10-2013
- Contract Professor of Image Processing "9CFU ing-inf / 03" Course in Computer Engineering in Computer Engineering a.a.2013 / 2014 University of Salento. Renewal Contract Conferred in Lecce 31/7/2013 prot. 2456 Class VII / 4.9 Director of Innovation Engineering Prof. Ing. G. Ghiani. from 31-07-2013 to 30-07-2014
- Contract Professor for the Image Processing course under the Erasmus Intensive Program International: "Advanced Methods in Machine Learning and Signal Processing", organized by the University of Salento dal 21-07-2014 to 08-08- 2014
- Contract Professor of Image Processing "9CFU ing-inf / 03" of the Master Degree Course in Computer Engineering a.a.2014 / 2015 University of Salento. Renewal Contract Conveyed in Lecce 29/9/2014 prot. 3131 Class VII / 4.9 Director of Engineering Innovation Prof. Ing. G. Ficarelladal 29-09-2014 to 28-09-2015
- Contract Professor of Image Processing "9CFU ing-inf / 03 of the Master's Degree Course in Computer Engineering at 2015/2016 University of Salento. Renewal Contract Conveyed in Lecce 17/9/2015 prot. 3672 Class VII / 4.I Director of Innovation Engineering Prof. Ing. G. Ficarelladal 18-09-2015 to 17-09-2016
- Contract Professor of Image Processing "9CFU ing-inf / 03 of the Master's Degree Course in Computer Engineering in 2016/2017 University of Salento. Contract Conferred in Lecce 22/9/2016 prot. 2797 Class VII / I.I9 Director of Engineering Innovation Prof. Giuseppe Grassi from 22-09-2016 to now

## SCIENTIFIC CAPACITY AND COMPETENCES.

[research activities is mainly oriented for the development of intelligent agents, to be expressed and decided on the basis of a sensory sequence perceived, in the robotics context, in implementing signals and images.

The research activity related to industrial automation problems affected with artificial intelligence techniques (in particular machine learning), artificial vision and pattern recognition applied in various contexts from medicine to industrial automation to telecommunications to safety.

the first activity was during during the laurea theses, refined through a stage at the massachusetts university, which he was recovered the document for the artificial intelligence course, and he has always had any research activities at the diplomatic diploma lecce innovation engineering with group prof. anglans (doctor tutor).

The second activity has been a reason for collaboration with the institute for the study of new materials for electronics (ime-cnr) today institute for micro-electronics and microsystems (imm-cnr) where the subscriber has affected problems relating to stability of sensors gas with neural techniques, collaborating with dr. sicilian pietro with which it has different international scientific works. the subscriber is coordinator of the working group "standard hardware and software interfaces" of the european network nose related to standard interface study for the construction of intelligent sensors with plug-and-play characteristics and distributed calculation. he has been a researcher at the cnr open open oecd lecce, final year 2015, which coordinates a research committee "optical devices and ict methodologies for industrial applications".

currently in service at cnr-isasi secondary lecce course where is the responsible delegate. working research activities in the vision computer and pattern recognition. e 'contract professor dal 2003 of image processing courses and theory and technology of recognition at the faculty of engineering of the university of salento.

In 2011 is the winner of national innovation award working capital pni-cube with the taggal project. e 'cto and founder of the spin-off cnr taggalo s.r.l. since 2011, he has been a member of the nato set-et075 "coordinated distributed mobile sensors and nato rtg set-199 working group" evaluating the effectiveness of coordination methods for distributed mobile sensors.

currently it is enabled to study new facial analysis methodologies for determining characteristics of soft-biometrics and hard biometrics. in particular, i am interested in study the development of new models, also with methodologies of deep learning, genetic steam, etnia and etnia of a volume, normalization of the volt with 3d models and determination of biometric trims of the volt for l identification and verification in contexts which requires security controls of configns and sensitive sites. The artificial and robotic vision research laboratory coordinated by the subscriber is deep learning technology for security and health. he started a joint laboratory with parsec / reco 3.26 in the field of facial recognition in which leonardo finmeccanica was entered.]

TUTOR OF  
RESEARCH  
ASSISTANTS AND  
DOCTORAL  
CONTRACTS.

- Advisor: Ing. Dario Cazzato PhD in Information Engineering Faculty of Engineering University of Salento 2013-2016. Thought in the field of estimating the look through the development of low cost and calibration free devices
- Internal Tutor: Ing. Pierluigi Carcagnì PhD in Information Engineering Faculty of Engineering University of Salento 2012-2015. Thesis in characterization faces for age, gender and ethnicity estimation. from 01-01-2012 to 01-01-2015
- Internal Tutor: Ing. Francesco Adamo, XXIX PhD Program in Complex Systems Engineering, University of Salento Tema: Visual Tracking for UAVdal Applications 25-02-2014 to Today
- Ing. Marco Del Coco: Research Grant Notice CNR N. ASS / INO / 001/2014 / LE Project PON01\_00980 Baitah 2012-2014 from 19 February 2014 to today
- ing Tommaso De Marco Assegno di Ricerca di cui al bando CNR ASS/INO/002/2012/LE Progetto PON01\_00980 Baitah 2012-2014
- ing. Ivan De Michele Research Checklist provided by Call Record CNR IMM0014 of 18/12/2006 TepsDown Project: Integrating Psycho-Socio-Sanitary Therapeutic Processes to Protect Down Children and Their Families - TePS-Down funded by the Ministry of Health and the Apulia Region in nell 'scope of the research aimed at ex artt 12 and 12 bis D.Lgs 502/92 and subsequent amendments. 2006 CNR IMM prot. 354 of 2/10/2006.
- Mr. Leonardo My Research Grant as per Call for Proposals CNR IMM005 of 16/7/2003 Project [FIRB 2003-2006 RBNE019TMF: Virtual Immersive Telepresence Microtechnologies
- ing. Alessandro Leone Research Checks provided by Bando CNR IMM003 of 16/4/2003 PON MERMEC Project - Safety Management in Railway Circuitry: innovative methodology and techniques for monitoring and diagnostics of lines and rolling stock 2003-2006. Prot. Miur 12853
- ing. Francesco Buccolieri Research Checklist provided by the Call for Proposals IMM003 of 23/2/2004 FIRB 2003-2006 Project RBNE019TMF: Micro Immersive Virtual Telepresence Technologies

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- Distante C, Carcagnì P, Nestola L., Methods and system for monitoring the displaying of video contents PCT/IT2012/000377, IPN WO 2014/091505 A1
- Distante C, Carcagnì P, Nestola L., "Metodo e sistema per il monitoraggio della visualizzazione di contenuti video" RM2014R001415

ADVISOR OF  
MASTER  
DEGREE IN  
IMAGE  
PROCESSING  
AND PATTERN  
RECOGNITION  
FACULTY OF  
ENGINEERING  
UNIVERSITY OF  
SALENTO

- Alessandro Strazzeri – *Controllo di Qualità di un Filament Winding mediante l'utilizzo di un sistema di Visione*, Faculty of Engineering , University of Lecce, 19 Dicembre 2000.
- Marco Leo – *Analisi delle risposte di un Naso Elettronico mediante trasformata Wavelet e Reti Neurali*, Faculty of Engineering , University of Lecce, 19 Aprile 2001.
- Marco Rizzello – *Architettura software per un sistema distribuito di sensori: applicazione al monitoraggio ambientale con un "naso elettronico"*, Faculty of Engineering , University of Lecce, 10 Luglio 2001.
- Pasquale Palamà – *Sistema intelligente per il recupero delle immagini basato sul contenuto mediante approccio neurale auto-organizzante*, Ingegneria Informatica University of Lecce, 2002.
- Francesco Buccolieri - *Sistema di videosorveglianza per la rilevazione delle intrusioni*. Ingegneria Informatica University of Salento 2003
- Simone Mazzei – *Calibrazione e ricostruzione tridimensionale per un sistema di monitoraggio sottomarino*, Ingegneria Informatica University of Lecce 2004
- Stefano Rocca – *Un sistema di riconoscimento automatico di aree tematiche per immagini telerilevate*, Ingegneria Informatica University of Lecce 2004
- Fabrizio Mariano – *Localizzazione di un veicolo sottomarino tramite fusione sensoriale di visione e profondità*, Ingegneria dell'Automazione University of Lecce, 2004
- Giovanna Melcarne – *Localizzazione in 3D di un oggetto sferico tramite visione artificiale*, Ingegneria dell'Automazione University of Lecce, 2004
- Angela D'Introno - *Ricomposizione elettronica di affreschi mediante l'analisi della tessitura partendo da frammenti*, Ingegneria Informatica University of Lecce, Aprile 2005
- Ivan Gentile - *Localizzazione dei volti in video sequenze mediante l'analisi della tessitura*, luglio Ingegneria Informatica University of Lecce 2005
- Marco De Bernart – *Un sistema automatico per il conteggio di alberi di ulivo da immagini telerilevate*, Ingegneria Informatica University of Lecce Febbraio 2006
- Giovanni Diraco – *Ricostruzione tridimensionale di un fondale marino con tecniche di visione stereoscopia*, Ingegneria Informatica University of Lecce 2006
- Ruggero Mark - *Tecniche di elaborazione dell'immagine per l'analisi statistica di immagini SEM/TEM* Ingegneria Informatica University of Lecce 2006
- Angela Mastrolia – *Sistema Automatico per la Mosaicatura di Immagini Sottomarine* Ingegneria Informatica University of Salento 2006.
- Ivan De Michele – *Sistema automatico di localizzazione dei vasi sanguigni*, Ingegneria Informatica University of Lecce 2006
- Raffaele Mori - *Tecniche di pursuit finalizzate alla compressione di sequenze video*. Ingegneria Informatica University of Salento 2007
- Maurizio Grasso - *Monitoraggio automatico del traffico stradale mediante tecniche di visione artificiale*. Ingegneria Informatica University of Salento
- Gianluca Strada - : *Sistema automatico di imaging per l'analisi dinamica di sonde molecolari*. Ingegneria Informatica University of Salento 2007
- Eugenio Cuppone - *Realizzazione di un sistema biometrico basato sul riconoscimento dell'Iride*. Ingegneria Informatica University of Salento 2008
- Paolo Maggio: *Sviluppo di un sistema di visual tracking basato su tecnologia RIM*, Laurea in Informatica Università di Bari 2009
- Vincenzo Falconieri – *Eye Tracker trajectories analysis in sport video applications*, Ingegneria delle Telecomunicazioni, University of Salento. In collaborazione con Prof. A. Cavallaro Queen Mary University of London. 2010.
- Marco Del Coco: *Rilevazione e Tracking da sequenze video mediante tecniche di visione artificiale per applicazioni di videosorveglianza*. Ingegneria delle Telecomunicazioni, Laurea Specialistica University of Salento, 2010
- Michele Branca *Rilevazione e Tracking da sequenze video mediante tecniche di visione artificiale per il monitoraggio del traffico stradale*. Ingegneria delle Telecomunicazioni, Laurea Specialistica University of Salento, 2010
- Stefano Pino – *Sistemi di inseguimento automatico di sequenze video basato sull'apparenza per applicazioni di realtà aumentata* Ingegneria Informatica University of Salento 2011
- Fabrizio Perrone - *Un sistema di riconoscimento di volti sospetti mediante metodologie neurali*, Ingegneria Informatica University of Salento 19 Aprile 2017

NATIONAL  
PUBLICATIONS

C. Distante, P. Siciliano, **Con il naso elettronico cibi più sicuri**. Villaggio Globale, trimestrale di ecologia Mario Adda Editore Anno III n.10 Giugno 2000.

JOURNAL  
REVIEWER

- **IEEE Sensor Journal**.
- **Sensors and Actuators B: Chemical, Elsevier**.
- **IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing**
- **Journal of Robotics and Autonomous Systems (Elsevier)**
- **Journal of the Brazilian Computer Society**
- **Computer Vision and Image Understanding (Elsevier)**
- **Information Sciences Elsevier**
- **Machine Vision and Applications (Elsevier)**
- **Optics Letters**
- **Sensors**

PROGRAM  
COMMITTEE  
MEMBER

- 15th Symposium on Computer Graphics and Image Processing 7-10 October 2002 Fortaleza, Brasil.
- 16th Symposium on Computer Graphics and Image Processing 12-15 October 2003 Sao Carlos - SP, Brasil.
- Program committee member Conference ISOEN (International Symposium on Olfaction and Electronic Nose), 2004,
- Program committee member Conferenza ISOEN (International Symposium on Olfaction and Electronic Nose), 2005,
- Program committee AISEM 2006, Associazione Italiana Sensori e Microsistemi.
- Since 2006 he has been a member of the Program Committee of the Prime International Conference on Ph.D. Research in Microelectronics and Electronics, in the subject of visual signal processing.
- Imaging Systems and Applications (IS) Optical Society of America 2015,
- Member IPC of the international conference IAV 2016 - 9th IFAC Symposium on Intelligent Autonomous Vehicles in Leipzig, Germany from 29-06-2016 to 01-07-2016
- Program Committee member ACIVS 2015 **Advanced Concepts for Intelligent Vision Systems** Museo Diocesano, Catania, Italy on Oct. 26-29, 2015.
- Program Committee Member IAV 2016 - 9th IFAC Symposium on Intelligent Autonomous Vehicles
- CVPR Computer Vision and Pattern Recognition 2017, 2018
- ICCV Int. Conference on Computer Vision ICCV2017,
- Executive member of the Conference "Fotonica2018", Lecce 2018
- Technical committee member International School on Computational Microscopy 2017, 5-8 Sept. Amalfi Italy
- Program Committee member of The 11th Italian Workshop on Artificial Intelligence for Cultural Heritage, in conjunction with Conferenza Internazionale dell'Associazione Italiana per l'Intelligenza Artificiale (AI\*IA)
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EDITOR OF  
NATIONAL  
BOOKS

1. Arcangelo Distante, Cosimo Distante, **Visione Computazionale Vol I: dall'energia all'immagine**, giugno 2018, Aracne
2. Arcangelo Distante, Cosimo Distante, **Visione Computazionale Vol II: dall'immagine ai simboli**, giugno 2018, Aracne
3. Arcangelo Distante, Cosimo Distante, **Visione Computazionale Vol III: dai simboli agli oggetti**, Luglio 2018, Aracne

EDITOR OF  
INTERNATIONAL  
BOOKS

4. Paolo Spagnolo, Pier Luigi Mazzeo, Cosimo Distante, **Human Behavior Understanding in Networked Sensing - Theory and Applications of Networks of Sensors**, Springer 2014, ISBN: 978-3-319-10806-3 (Print) 978-3-319-10807-0 (Online)
5. Cosimo Distante, Sebastiano Battiato, Andrea Cavallaro, **Video Analytics for Audience Measurement**, Springer LNCS 2014 ISBN: 978-3-319-12810-8 (Print) 978-3-319-12811-5 (Online)
6. Jacques Blanc-Talon, Cosimo Distante, Wilfried Philips, Dan Popescu, Paul Scheunders, **Advanced Concepts for Intelligent Vision Systems: 17th International Conference, ACIVS**

- 2016, Lecce, Italy, October 24-27, 2016, Proceedings, LNCS 10016, Springer 2016
7. Sebastiano Battiato, Andrea Cavallaro , Cosimo Distante, Kamal Nasrollahi, Gang Hua, Thomas B. Moeslund, Qiang Ji, Rensselaer, **Video Analytics for face, face expression recognition and audience measurement**, Springer LNCS Vol 10165, 2017
  8. Arcangelo Distante, Cosimo Distante, **Visione Computazionale Vol I: dall'energia all'immagine**, giugno 2018, Aracne
  9. Arcangelo Distante, Cosimo Distante, **Visione Computazionale Vol II: dall'immagine ai simboli**, giugno 2018, Aracne
  10. Arcangelo Distante, Cosimo Distante, **Visione Computazionale Vol III: dai simboli agli oggetti**, Luglio 2018, Aracne

BOOK  
CHAPTERS

11. C. Distante, M. Leo, K. C. Persaud, *Wavelet Transform for Electronic Nose Signal Analysis, Discrete Wavelet Transforms (Biomedical Applications) Edited by H. Olkkonen, chap. 10, pp.177-200, InTech 2011 DOI: 10.5772/47082 ISBN: 978-953-307-654-6*
12. Leone, G. Diraco, C. Distante: *A Stereo Vision Framework for 3-D Underwater Mosaicking, Stereo vision, I-TECH Education and Publishing, 2008 ISBN: 978-953-7619-22-0 Citazioni 5*
13. C. Distante, G. Diraco, A. Leone, "Active Range Imaging Dataset for Indoor Surveillance", *Annals of the BMVA Vol. 2010, No. 3, pp. 1-16, 2010 Citazioni 8*
14. M. Grassi, A. Lombardi, G. Rescio, P. Malcovati, A. Leone, G. Diraco, C. Distante, P. Siciliano, M. Malfatti, L. Gonzo, V. Libal, J. Huang and G. Potamianos, "A Multisensor System for High Reliability People Fall Detection in Home Environment", in P. Malcovati, A. Baschiroto, A. D'Amico and C. Di Natale, ed., *Sensors and Microsystems, Springer, Dordrecht, The Netherlands, ISBN 978-90-481-3605-6, pp. 391-394, 2010 Citazioni 5*

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PAPERS

1. Vittorio Bianco, Pasquale Memmolo, Marco Leo, Silvio Montresor, Cosimo Distante, Melania Paturzo, Pascal Picart, Bahram Javidi and Pietro Ferraro **Strategies for reducing speckle noise in digital holography**, *Light: Science & Applications* (2018) 7,doi:10.1038/s41377-018-0050-9
2. V Pagliarulo, V Bianco, P Memmolo, C Distante, B Ruggiero, P Ferraro, **Leaks detection in stainless steel kegs via ESPI**, *Optics and Lasers in Engineering*, Volume 110, 220-227 Elsevier 2018
3. Marco Leo, Marco Del Coco, Pierluigi Carcagni, Paolo Spagnolo, Pier Luigi Mazzeo, Cosimo Distante, Raffaele Zecca, [Automatic visual monitoring of welding procedure in stainless steel kegs](#), *Optics and Lasers in Engineering*, Elsevier, 18 Set 2017
4. Giuseppe Palestra, Dario Cazzato, Francesco Adamo, Ilaria Bortone, Cosimo Distante, [Assistive Robot, RGB-D Sensor and Graphical User Interface to Encourage Communication Skills in ASD Population](#), vol. 2, num. 02, *Journal of Medical Robotics Research*, World Scientific Publishing Company, 2017
5. M Leo, A Natale, M Del-Coco, P Carcagni, C Distante, **Robust Estimation of Object Dimensions and External Defect Detection with a Low-Cost Sensor**, *Journal of Nondestructive Evaluation*, volume 36, n.1, Springer 2017 DOI: 10.1007/s10921-017-0395-7 IF 1.440 Q1 (Fonte Springer)
6. Pier Luigi Mazzeo, Paolo Spagnolo, Marco Leo, Pierluigi Carcagni, Marco Del Coco, Cosimo Distante, **Dense descriptor for visual tracking and robust update model strategy**, *Journal of Ambient Intelligence and Humanized Computing*, Springer Berlin Heidelberg 2017 DOI: 10.1007/s12652-017-0461-0 IF 0.835 Q2 (Fonte Springer)
7. S Battiato, A Cavallaro, C Distante, Editorial Special issue on "Video analytics for audience measurement in retail and digital signage" *Pattern Recognition Letters* 2016/7/15, doi:10.1016/j.patrec.2016.07.004 IF 1.586 (Fonte Elsevier) Q1
8. Carcagni, Pierluigi and Del Coco, Marco and Cazzato, Dario and Leo, Marco and Distante, Cosimo, **A study on different experimental configurations for age, race, and gender estimation problems**, *EURASIP Journal on Image and Video Processing*, pp1-22, 2015:37, 2015 doi:10.1186/s13640-015-0089-y IF 1.060 Q2 (Fonte Springer), Citazioni 2
9. Pierluigi Carcagni, Marco Del Coco, Marco Leo, Cosimo Distante, **Facial expression recognition and histograms of oriented gradients: a comprehensive study**, *SpringerPlus*, December 2015, 4:645, doi: 10.1186/s40064-015-1427-3 IF 0.982 Q1 (Fonte Springer), Citazioni 5
10. Dario Cazzato, Andrea Evangelista, Marco Leo, Pierluigi Carcagni, Cosimo Distante, **A low-cost and calibration-free gaze estimator for soft biometrics: An explorative study**, *Pattern Recognition Letters*, doi:10.1016/j.patrec.2015.10.015, 2015 IF 1.586 Q1 (Fonte Elsevier), Citazioni 1
11. Memmolo P, Leo, M, Distante C., Paturzo M, Ferraro P, "Coding Color Three-Dimensional Scenes and Joining Different Objects by Adaptive Transformations in Digital Holography," *Display Technology, Journal of* , vol.PP, no.99, pp.1,1 2015 doi: 10.1109/JDT.2015.2407615 IF 1.925 (Fonte IEEE) Q1, Citazioni 5
12. Pierluigi Carcagni, Dario Cazzato, Marco Del Coco, Pier Luigi Mazzeo, Marco Leo, Cosimo Distante, **Soft Biometrics for a Socially Assistive Robotic Platform**, *Paladyn, Journal of Behavioral Robotics* vol. 6 n.1 2015
13. PL Mazzeo, P Spagnolo, M Leo, T De Marco, C Distante, **Ball detection in soccer images using isophote's curvature and discriminative features** *Pattern Analysis and Applications*, 1-10, 2015 IF 1.104 (Fonte Springer) Q2

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15. Marco Leo, Cosimo Distante, Mara Bernabei, Krishna Persaud, **An Efficient Approach for preprocessing data from a Large-Scale Chemical Sensor Array**, Sensors 2014, 14, 17786-17806; doi:10.3390/s140917786 IF 2.033 Q1 (Fonte MDPI), Citazioni 6
16. Leo, Marco; Cazzato, Dario; De Marco, Tommaso; Distante, Cosimo; **Unsupervised Eye Pupil Localization through Differential Geometry and Local Self-Similarity Matching**, PloS One,9,8,e102829,2014,Public Library of Science IF 4.170 Q1 (Fonte Plos), Citazioni 16
17. M. Leo, R. Piccolo, C. Distante, P. Memmolo, M. Paturzo, P. Ferraro, **Multilevel Bidimensional Empirical Mode Decomposition: a new speckle reduction method in Digital Holography**, Optical Engineering SPIE 2014. 53(11), 112314 (Jun 26, 2014). doi:10.1117/1.OE.53.11.112314 IF 0.88 Q2 (Fonte SPIE), Citazioni 8
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19. Dario Cazzato, Marco Leo, Cosimo Distante **A Statistical Approach to Automatically Detect How Many Persons Appear in a Video**, OPEN JOURNAL OF INFORMATION SECURITY AND APPLICATIONS Scientific Online 2014 IF 0.264 (Fonte Scimago)
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21. **"Unsupervised Approach for the Accurate Localization of the Pupils in Near-Frontal Facial Images"**, M. Leo, D. Cazzato, T. De Marco, C. Distante, Journal of Electronic Imaging SPIE 2013, IF 0.616 Q2 (Fonte SPIE) Citazioni 6
22. **Automatic Digital Hologram Denoising by Spatiotemporal Analysis of Pixel-wise Statistics** M. Leo, C. Distante, M. Paturzo, P. Memmolo, M. Locatelli, E. Pugliese, R. Meucci and P. Ferraro, Journal of Display Technology JDT 9 (11), 904-909 2013, DOI [10.1109/JDT.2013.2268936](https://doi.org/10.1109/JDT.2013.2268936) IF 1.925 (Fonte IEEE) Q1. Citazioni 5
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25. Title: An application of mobile robotics for olfactory monitoring of hazardous industrial sites Author(s): Distante C, Indiveri G, Reina G Source: INDUSTRIAL ROBOT-AN INTERNATIONAL JOURNAL Volume: 36 Issue: Pages: 51-59 Published: 2009 IF 0.655 (fonte Publisher) Q2, Citazioni 18
26. Title: A 3D Passive Vision System For Underwater Mosaicking Author(s): Leone A, Diraco G, Distante C Source: SEA TECHNOLOGY Volume: 50 Issue: 1 Pages: 45-+ Published: JAN 2009 IF 0.139 (fonte Journal Citation Report ISI web of knowledge)
27. Title: [An automated, feature-based framework for seabed mosaics](#) Author(s): Leone A, Distante C, Mastrolia A Source: SEA TECHNOLOGY Volume: 48 Issue: 12 Pages: 15-+ Published: DEC 2007 IF 0.139 (fonte Journal Citation Report ISI web of knowledge)
28. Title: [Recovery of drifting sensor responses by means of DWT analysis](#) Author(s): Zuppa M, Distante C, Persaud KC, et al. Source: SENSORS AND ACTUATORS B-CHEMICAL Volume: 120 Issue: 2 Pages: 411-416 Published: JAN 10 2007 IF:4.758 (fonte Elsevier) Q1, Citazioni 29
29. Title: [Shadow detection for moving objects based on texture analysis](#) Author(s): Leone A, Distante C Source: PATTERN RECOGNITION Volume: 40 Issue: 4 Pages: 1222-1233 Published: APR 2007 (fonte Elsevier) IF 3.399 Q1 Citazioni 167
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32. Title: [A shadow elimination approach in video-surveillance context](#) Author(s): Leone A, Distante C, Buccolieri F Source: PATTERN RECOGNITION LETTERS Volume: 27 Issue: 5 Pages: 345-355 Published: APR 1 2006 IF 1.586 (Fonte Elsevier) Q1, Citazioni 37
  33. Title: [A powerful method for feature extraction and compression of electronic nose responses](#) Author(s): Leone A, Distante C, Ancona N, et al. Source: SENSORS AND ACTUATORS B-CHEMICAL Volume: 105 Issue: 2 Pages: 378-392 Published: MAR 28 2005 IF:4.758 (fonte Elsevier) Q1, Citazioni 31
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