

# Giuseppe Lisanti, Ph.D.

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*Curriculum Vitae – updated: May 14, 2018*

## Personal details

Place of Birth: Venosa (PZ), Italy  
Citizenship: Italian  
Residence: Firenze, Italy  
Spoken Languages: Italian (*native*), English (*fluent*)

## Contact

University of Pavia  
Computer Vision and Multimedia Lab  
Via Ferrata 5 - 27100 Pavia, Italy  
giuseppe.lisanti@unipv.it

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## Research Interests

- Computer Vision, Pattern Recognition, Machine Learning, Artificial Intelligence

## Research Profile

My research interests focus on computer vision, pattern recognition and machine learning for person detection and tracking, person re-identification and face recognition.

I am currently an Assistant Professor, L.240/2010 A.24 C.3 lettera a), at the University of Pavia. From 2012 to 2017, I have been Postdoctoral Researcher at the Media Integration and Communication Center of the University of Florence. I received the PhD degree in Computer Engineering, Multimedia and Telecommunication from the University of Florence in 2012 under the supervision of Prof. Alberto Del Bimbo. I have published more than 30 papers in the most prestigious journals and conferences in computer vision, and pattern recognition and I received the best paper award at the IEEE Computer Society Workshop on Biometrics 2017. I am the lead organizer of the International Workshop on Cross-domain Human Identification (ICCV'17) and I gave a tutorial at a conference of international relevance.

I am involved in research collaborations with other research centers, both national and international and I have actively been participating in various roles in several research projects and a number of industry-funded projects.

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## Education

- **University of Florence, Italy** 2012/04  
Ph.D. in Computer Engineering, Multimedia and Telecommunication  
Thesis: *“Wide Area Surveillance with Rotating and Zooming Cameras”*  
Advisor: Prof. A. Del Bimbo
  - **University of Florence, Italy** 2008/09  
M.S. degree in Computer Engineering, *awarded cum laude*
  - **University of Florence, Italy** 2005/12  
Bachelor degree in Computer Engineering
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## Academic Appointments

- **University of Pavia, Italy – Dipartimento di Ingegneria Industriale e dell’Informazione** 2017/09  
Assistant Professor – L.240/2010 A.24 C.3 lettera a)

- **University of Florence, Italy** – *Dipartimento di Ingegneria dell'Informazione* 2014/11 – 2017/08  
 Postdoctoral Researcher – Fellowship L.240/2010  
 Working on 3D face modelling and face recognition in the wild.
- **University of Florence, Italy** – *Media Integration and Communication Center* 2011/11 – 2014/10  
 Postdoctoral Researcher – Fellowship L.240/2010 (12 months)  
 Postdoctoral Researcher – Fellowship L.240/2010, Regione Toscana (24 months)  
 Project Identifier: AQUIS-CH POR-CRO-FSE 2007-2013/UNIFI\_FSE2012  
 Working on person detection and re-identification for interests profiling and behavior analysis.
- **University of Florence, Italy** – *Dipartimento di Sistemi e Informatica* 2008/11 – 2011/10  
 Research Assistant – Fellowship L.449/1997 (36 months)  
 Working on pan-tilt-zoom camera localization and mapping for multiple target tracking in wide areas.

## Honors, Awards and Scholarships

- **Italian Habilitation** as Associate Professor in Computer Engineering and Information Processing Systems (09/H1 – ASN 2017).
- **Italian Habilitation** as Associate Professor in Computer Science (01/B1 – ASN 2017).
- Young Researcher Support Grant for attending the IEEE International Conference on Computer Vision (ICCV), Venice, Italy, 2017;
- **Best Paper Award:** IEEE Computer Society Workshop on Biometrics, in conjunction with CVPR 2017 [C3].
- Certificate of Appreciation for the organization of the tutorial on “Person Re-Identification: Theory and Best Practice” at the *IEEE 7th International Conference on Biometrics: Theory, Applications and Systems (BTAS 2015)*.
- Certificate of Appreciation for participating in the organization of the 12<sup>th</sup> European Conference on Computer Vision (ECCV), Firenze, Italy, 2012.

## Teaching Experience

- **Assistant Professor**, Bachelor in Computer Engineering, University of Pavia  
 – “Object Oriented Programming” a.y. 2017/2018  
 Teaching Responsibility: 60 hours.
- **Adjunct Professor**, Bachelor in Tecniche di Neurofisiopatologia, University of Florence  
 – “Elaborazione Computerizzata dei Segnali Bioelettrici (B020531)” a.y. 2016/2017  
 Teaching Responsibility: Computer Science, 24 hours. a.y. 2015/2016
- **Adjunct Professor**, Bachelor in Computer Engineering, Politecnico di Milano, Polo Univ. Aretino  
 – “Database”, Prof. A. Campi a.y. 2016/2017  
 Teaching Responsibility: 35 hours.
- **Teaching Assistant**, M.Sc. in Computer Engineering, University of Florence  
 – “Visual and Multimedia Recognition”, Prof. A. Del Bimbo a.y. 2015/2016  
 – “Multimedia Databases”, Prof. A. Del Bimbo a.y. 2014/2015  
 – “Multimedia Databases”, Prof. A. Del Bimbo a.y. 2013/2014  
 – “Multimedia Databases”, Prof. A. Del Bimbo a.y. 2012/2013  
 – “Multimedia Databases”, Prof. A. Del Bimbo a.y. 2011/2012  
 Lectures: HOG Person Detection, Person Re-identification  
 Laboratories: Tracking in Practice, Convolutional Neural Networks

- **Teaching Assistant**, Bachelor in Computer Engineering, University of Florence
  - “Fundamentals of Multimedia Design and Production”, Prof. A. Del Bimbo a.y. 2010/2011
  - “Fundamentals of Multimedia Design and Production”, Prof. A. Del Bimbo a.y. 2009/2010
  - Lecture: *Image Processing with OpenCV*
- **Adjunct Professor**, IFTS Project, I.S.I.S. Machiavelli, Florence
  - “MARKUP Languages and Web design” a.y. 2006/2007
  - Teaching Responsibility: 20 hours
- **Project Mentor and Instructor**, Master in Multimedia Content Design, University of Florence
  - “Laboratory on HTML and Web Design” a.y. 2007/2008
  - “Laboratory on HTML and Web Design” a.y. 2006/2007
  - “Laboratory on HTML and Web Design” a.y. 2005/2006
  - “Laboratory on HTML and Web Design” a.y. 2004/2005

## Advising

- **Ph.D. Students**
  - Claudio Ferrari, 2014-present (University of Florence) [C3, C6, C7, J1]
  - Federico Bartoli 2013-2017 (University of Florence) [C4, C5, C8, C9, C12, S1]
  - Dario Di Fina, 2012-2015 (University of Florence) [C15]
- **Graduate Students** (M.Sc. Thesis)
  - Matteo Mazzola, 2017 (University of Florence)
  - Vincenzo Varano, 2016 (University of Florence)
  - Andrea Zerbini, 2015 (University of Florence)
  - Andrea Mazzeschi, 2014 (University of Florence) [C10]
  - Federico Bartoli, 2013 (University of Florence)
  - Dario Di Fina, 2012 (University of Florence)
  - Roberto Valle, 2011 (University of Florence)
  - Stefano Zantonetti, 2011 (University of Florence)

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## Participation in Research Projects

- **GLAIVE**: “Graphics-based Learning Approach Integrated with Vision Elements” 2014 – 2017  
 Funding: JANUS program of the US IARPA, contract number 2014-14071600011  
 Role: **Investigator / WP leader** (Face Recognition); P. I. Prof. A. Del Bimbo
- **SISSI**: “Intermodal System Integrated for Security and Signaling on Rail” 2011 – 2014  
 Funding: Tuscany Region (Italy), PAR FAS 2007-2013 program (P.I.R. 1.1.B, Action 1.1)  
 Role: **WP leader** (1.2.1, 1.2.2, 1.2.3, 1.2.7, 1.2.8, 1.2.10, 2.1.9, 2.2.1, 2.2.4); P.I. Prof. A. Del Bimbo
- **AQUIS-CH**: “Innovative technologies for cultural heritage fruition” 2012/11 – 2014/10  
 Funding: Tuscany Region (Italy) and European Social Fund POR FSE 2007-2013  
 Role: **WP leader** (Improved interactivity with 3D holographic display by behavior detection); P.I. Prof. A. Del Bimbo
- **MNEMOSYNE**: “Smart museums” 2011 – 2013  
 Funding: Tuscany Region (Italy) and THALES Italy S.p.A, Fund PAR FAS 2007-13  
 Role: researcher; P. I. Prof. A. Del Bimbo

- **VIDI-Video:** “Semantic Video Search With a Large Thesaurus of Concept” 2007 – 2009  
Funding: European Commission, IST FP6 no. 045547  
Role: researcher; P. I. Prof. A. Del Bimbo

## Participation in Technology Transfer Projects

- **Joint Laboratory on Computer Vision** 2010 – 2017  
Research grant: Media Integration and Communication Center – THALES Italy S.p.A.  
Role: researcher and technical coordinator of the headquarter at MICC
- **Research contract:** “Video Analysis for security applications.” 2008 – 2014  
Research grant: Media Integration and Communication Center – THALES Italy S.p.A.  
Role: **technical lead of research group** and developer

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## Research Collaborations

- Prof. Prem Natarajan, Information Science Institute (ISI), Los Angeles, CA, USA 2014 – 2017  
JANUS program (IARPA), contract number 2014-14071600011  
– *Topic: Face Recognition and Face Tracking*
- Prof. Gianluca Foresti and Niki Martinel, University of Udine, Italy 2015 – present  
– *Topic: person re-identification, group re-identification and behavior analysis*
- Prof. Vittorio Murino, IIT Genova, Italy – Pietro Salvagnini, University of Verona, Italy 2012 – 2013  
– *Topic: Automatic PTZ camera scheduling for multiple target tracking*

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## Professional Activities / Academic Service

- **Faculty Member** of the International Ph.D. in “Computational Mathematics and Decision Sciences”, University of Pavia and Università della Svizzera Italiana.
- **Journal Editor:**  
– **Guest Editor**, *Journal of Imaging* (ISSN 2313-433X). Special Issue on "From Single to Multimodal Face Analysis and Processing", 2017.
- **Workshop Organizer / Chair:**  
– **Lead organizer**, *International Workshop on Cross-domain Human Identification (CHI)*, in conjunction with ICCV 2017, Venice, Italy. <https://chi-workshop.github.io>
- **Area Chair / Senior Program Committee Member:**  
– **Area Chair**, *IEEE Winter Conference on Applications of Computer Vision (WACV)*, 2018.
- **Conference Organizing Committee Member:**  
– **Publication Chair**, *International Workshop on Content-Based Multimedia Indexing (CBMI)*, 2017.  
– **Local Committee**, *European Conference on Computer Vision (ECCV)*, 2012  
– **Local Committee**, *ACM International Conference on Multimedia (ACM-MM)*, 2010
- **Program Committee Member:**  
– *International Conference on Computer Vision and Pattern Recognition (CVPR)*, 2018  
– *International Conference on Smart Multimedia (ICSM)*, 2018  
– *International Workshop on Content-Based Multimedia Indexing (CBMI)*, 2015, 2017

- *International Conference on Image Analysis and Processing (ICIAP)*, 2015
- *International Workshop on Assistive Computer Vision and Robotics (Workshop in CVPR)*, 2017
- *ChaLearn Looking at People and Faces of the World (Workshop in CVPR and ECCV)*, 2016, 2017
- *International Workshop on Wearable Multimedia (Workshop in ICMR)*, 2017
- *Joint Contest and Workshop on Multimedia Challenges Beyond Visual Analysis (Workshop in ICPR)*, 2016
- *International Workshop on Social Behaviour Analysis (Workshop in ICIAP)*, 2013
- **Reviewer for International Journals** (selection):
  - *International Journal of Computer Vision (IJCV)*
  - *IEEE Transactions on Multimedia (TMM)*
  - *IEEE Transactions on Information Forensics and Security (TIFS)*
  - *Computer Vision and Image Understanding (CVIU)*
  - *ACM Transactions on Multimedia Computing, Communications and Applications (TOMM)*
  - *IEEE System Journal (ISJ)*
  - *Journal of Mathematical Imaging and Vision (JMIV)*
  - *Signal Image and Video Processing (SIGPRO)*
  - *Pattern Recognition Letters (PRL)*
  - *Neural Processing Letters (NEPL)*
  - *Multimedia Tools and Applications (MTAP)*
  - *Multimedia Systems Journal (MMSJ)*

## Professional Memberships and Affiliations

- CVF Member, Computer Vision Foundation 2017 – present
- GIRPR Member, the Italian chapter of IAPR 2008 – present
- IEEE Member, Institute of Electrical and Electronics Engineers 2010 – 2011

## Tutorials at International Conferences and Schools

- *“Person Re-identification: Theory and Best Practice”* 2015
  - International Conference on Biometrics: Theory, Applications and Systems (BTAS)
  - Lectures are available at: <http://www.micc.unifi.it/reid-tutorial/>

## Seminars and Talks

- *“Deep Convolutional Neural Networks”* 2018
  - Lecture for the course “Advanced methods in biomedical data mining”, Prof. R. Bellazzi, University of Pavia, Italy
- *“Human Identification in the Wild: from Local to Holistic Approaches”* 2017
  - Course for the PhD school in Electronics, Computer Science and Electrical Engineering University of Pavia, Italy
- *“Group Re-Identification via Unsupervised Transfer of Sparse Features Encoding”* 2017
  - International Conference on Computer Vision (ICCV), Venice, Italy
- *“Long Term Person Re-Identification from Depth Cameras using Facial and Skeleton Data”* 2016
  - International Conference on Pattern Recognition (ICPR), Cancun, Mexico

- *“Effective 3D Based Frontalization for Unconstrained Face Recognition”* 2016  
– International Conference on Pattern Recognition (**ICPR**), Cancun, Mexico
- *“User Interest Profiling Using Tracking-Free Coarse Gaze Estimation”* 2016  
– International Conference on Pattern Recognition (**ICPR**), Cancun, Mexico
- *“Matching People across Camera Views using Kernel Canonical Correlation Analysis”* 2014  
– ACM/IEEE International Conference on Distributed Smart Cameras (**ICDSC**), Venezia, Italy
- *“From re-identification to identity inference: labelling consistency by local similarity constraints”* 2014  
– International Workshop on Computer Vision (**IWCV**), Alghero, Italy
- *“3D Multiple Target Tracking and Face Pose Estimation with a Rotating and Zooming Camera”* 2010  
– European Conference on Computer Vision (**ECCV**), Creta, Greece
- *“Device-Tagged Feature-based Localization and Mapping of Wide Areas with a PTZ Camera”* 2010  
– Workshop on Socially Intelligent Surveillance and Monitoring (**CVPRW**), San Francisco, CA, USA
- *“Scale Invariant 3D Multi-Person Tracking with a single PTZ camera”* 2009  
– International Computer Vision Summer School (**ICVSS**), Scicli (RG), Italy

## Other Courses and Professional Training

- *“First Spring Short School on Surveillance (S4)”* 2011  
– ImageLab, Modena (IT)
  - *“Advanced School on Computer Vision, Pattern Recognition, and Image Processing”* 2011  
– Istituto Italiano di Tecnologia (IIT), Genova (IT)
  - *“International Computer Vision Summer School (ICVSS)”* 2009  
– Università di Catania, Scicli (IT)
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## Publications

### Bibliometric Indices

- *h*-index: 8 (Google Scholar), 7 (Scopus)
- Number of citations: 400 (Google Scholar), 272 (Scopus)

### International Journals

- [J1] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo. A dictionary learning based 3D morphable shape model. *IEEE Transactions on Multimedia*, 19(12):2666–2679, Dec 2017. [doi: 10.1109/TMM.2017.2707341, IF: 3.51, Class: 1].
- [J2] **G. Lisanti**, S. Karaman, and I. Masi. Multi channel-kernel canonical correlation analysis for cross-view person re-identification. *ACM Transactions on Multimedia Computing, Communications and Applications*, 13(2):13:1–13:19, 2017. [doi: 10.1145/3038916, IF: 2.25, Class: 1].
- [J3] **G. Lisanti**, S. Karaman, D. Pezzatini, and A. Del Bimbo. A multi-camera image processing and visualization system for train safety assessment. *Multimedia Tools and Applications*, 13(2), 2017. [doi: 10.1007/s11042-017-4351-4, IF: 1.53, Class: 2].
- [J4] **G. Lisanti**, I. Masi, F. Pernici, and A. Del Bimbo. Continuous localization and mapping of a pan-tilt-zoom camera for wide area tracking. *Machine Vision and Applications*, 27(7):1071–1085, 2016. [doi: 10.1007/s00138-016-0799-x, IF: 2.00, Class: 2].
- [J5] **G. Lisanti**, I. Masi, A. D. Bagdanov, and A. Del Bimbo. Person re-identification by iterative re-weighted sparse ranking. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 37(8):1629–1642, 2015. [doi: 10.1109/TPAMI.2014.2369055, IF: 8.33, Class: 1].
- [J6] P. Salvagnini, F. Pernici, M. Cristani, **G. Lisanti**, A. Del Bimbo, and V. Murino. Non-myopic information theoretic sensor management of a single pan-tilt-zoom camera for multiple object detection and tracking. *Computer Vision and Image Understanding*, 134:74–88, 2015. [doi: 10.1016/j.cviu.2014.12.001, IF: 2.50, Class: 1].
- [J7] S. Karaman, **G. Lisanti**, A. D. Bagdanov, and A. Del Bimbo. Leveraging local neighborhood topology for large scale person re-identification. *Pattern Recognition*, 47(12):3767–3778, 2014. [doi: 10.1016/j.patcog.2014.06.003, IF: 4.58, Class: 1].
- [J8] A. D. Bagdanov, A. Del Bimbo, F. Dini, **G. Lisanti**, and I. Masi. Posterity logging of face imagery for video surveillance. *IEEE Multimedia*, 19(4):48–59, 2012. [doi: 10.1109/MMUL.2012.15, IF: 1.36, Class: 2].
- [J9] A. Del Bimbo, F. Dini, **G. Lisanti**, and F. Pernici. Exploiting distinctive visual landmark maps in pan-tilt-zoom camera networks. *Computer Vision and Image Understanding*, 114(6):611–623, 2010. [doi: 10.1016/j.cviu.2010.01.007, IF: 2.50, Class: 1].

### Under Revision

- [S1] F. Bartoli, **G. Lisanti**, S. Karaman, and A. Del Bimbo. Scene-dependent proposals for efficient person detection. *Pattern Recognition*, 2016. [IF: 4.58, Class: 1] (Major Revision).
- [S2] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo. Investigating nuisances in dcnn-based face recognition. *IEEE Transactions on Image Processing*, 2018. [IF: 4.82, Class: 1] (Major Revision).
- [S3] **G. Lisanti**, N. Martinel, C. Micheloni, A. Del Bimbo, and G. Foresti. From person to group re-identification via unsupervised transfer of sparse features. *IEEE Transactions on Cybernetics*, 2018. [IF: 7.38, Class: 1] (Submitted).

## Books and Book Chapters

- [B1] S. Karaman, **G. Lisanti**, A. D. Bagdanov, and A. Del Bimbo. From re-identification to identity inference: Labeling consistency by local similarity constraints. In S. Gong, M. Cristani, S. Yan, and C. Change Loy, editors, *Person Re-Identification*, pages 287–307. Springer, London, 2014.

## International Conferences and Workshops

- [C1] F. Bartoli, **G. Lisanti**, L. Ballan, and A. Del Bimbo. Context-aware trajectory prediction. In *Proc. of the International Conference on Pattern Recognition*, 2018.
- [C2] **G. Lisanti**, N. Martinel, A. Del Bimbo, and G. Foresti. Group re-identification via unsupervised transfer of sparse features encoding. In *Proc. of the International Conference on Computer Vision*, pages 2449–2458, Venice, Italy, Oct. 2017.
- [C3] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo. Investigating nuisance factors in face recognition with DCNN representation. In *Proc. of the International Conference on Computer Vision and Pattern Recognition (Workshop on Biometrics)*, pages 81–89, Honolulu, Hawaii, USA, Jul. 2017. [Best Paper Award].
- [C4] F. Bartoli, **G. Lisanti**, L. Seidenari, and A. Del Bimbo. Pace: Prediction-based annotation for crowded environments. In *Proc. of International Conference on Multimedia Retrieval*, pages 121–124, Bucharest, Romania, Jun. 2017.
- [C5] F. Bartoli, **G. Lisanti**, L. Seidenari, and A. Del Bimbo. User interest profiling using tracking-free coarse gaze estimation. In *Proceedings of the International Conference on Pattern Recognition*, pages 1839–1844, Cancun, Mexico, Dec. 2016.
- [C6] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo. Effective 3D based frontalization for unconstrained face recognition. In *Proceedings of the International Conference on Pattern Recognition*, pages 1047–1052, Cancun, Mexico, Dec. 2016.
- [C7] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo. Dictionary learning based 3D morphable model construction for face recognition with varying expression and pose. In *Proceedings of the International Conference on 3D Vision*, pages 509–517, Lyon, France, Oct. 2015.
- [C8] F. Bartoli, **G. Lisanti**, L. Seidenari, S. Karaman, and A. Del Bimbo. MuseumVisitors: A dataset for pedestrian and group detection, gaze estimation and behavior understanding. In *Proceedings of the International Conference on Computer Vision and Pattern Recognition (Workshop on Group and Crowd Behavior Analysis and Understanding)*, pages 19–27, Boston, MA, USA, Jun. 2015.
- [C9] F. Bartoli, L. Seidenari, **G. Lisanti**, S. Karaman, and A. D. Bimbo. Watss: A web annotation tool for surveillance scenarios. In *Proceedings of ACM Multimedia*, pages 701–704, Brisbane, Queensland, Australia, Oct. 2015.
- [C10] A. Mazzeschi, **G. Lisanti**, F. Pernici, and A. Del Bimbo. Scale and occlusion invariant tracking-by-detection. In *Proceedings of the International Conference on Image Analysis and Processing*, pages 575–585, Genova, Italy, Sep. 2015.
- [C11] **G. Lisanti**, I. Masi, and A. Del Bimbo. Matching people across camera views using kernel canonical correlation analysis. In *Proceedings of the ACM/IEEE International Conference on Distributed Smart Cameras*, pages 10:1–10:6, Venezia, Italy, Nov. 2014.
- [C12] F. Bartoli, **G. Lisanti**, S. Karaman, A. D. Bagdanov, and A. Del Bimbo. Unsupervised scene adaptation for faster multi-scale pedestrian detection. In *Proceedings of the International Conference on Pattern Recognition*, pages 3534–3539, Stockholm, Sweden, Aug. 2014.

- [C13] P. Salvagnini, F. Pernici, M. Cristani, **G. Lisanti**, I. Masi, A. Del Bimbo, and V. Murino. Information theoretic sensor management for multi-target tracking with a single pan-tilt-zoom camera. In *Proceedings of the IEEE Winter Conference on Applications of Computer Vision*, pages 893–900, Steamboat Springs, CO, USA, Mar. 2014.
- [C14] I. Masi, **G. Lisanti**, A. D. Bagdanov, P. Pala, and A. Del Bimbo. Using 3D models to recognize 2D faces in the wild. In *Proceedings of the International Conference on Computer Vision and Pattern Recognition (Workshop on Social Intelligent Surveillance and Monitoring)*, pages 775–780, Portland, OR, USA, Jun. 2013.
- [C15] A. D. Bagdanov, A. Del Bimbo, D. Di Fina, S. Karaman, **G. Lisanti**, and I. Masi. Multi-target data association using sparse reconstruction. In *Proceedings of the International Conference on Image Analysis and Processing*, pages 239–248, Napoli, Italy, Sep. 2013.
- [C16] A. D. Bagdanov, A. Del Bimbo, **G. Lisanti**, and I. Masi. Multi-pose face detection for accurate face logging. In *Proceedings of the International Conference on Pattern Recognition*, pages 2448–2451, Tsukuba, Japan, Nov. 2012.
- [C17] A. Del Bimbo, **G. Lisanti**, I. Masi, and F. Pernici. Continuous recovery for real time pan tilt zoom localization and mapping. In *Proceedings of the IEEE International on Advanced Video and Signal Based Surveillance*, pages 160–165, Klagenfurt, Austria, Aug. 2011.
- [C18] A. Del Bimbo, **G. Lisanti**, I. Masi, and F. Pernici. Person detection using temporal and geometric context with a pan tilt zoom camera. In *Proceedings of the International Conference on Pattern Recognition*, pages 3886–3889, Istanbul, Turkey, Aug. 2010.
- [C19] A. Del Bimbo, F. Dini, **G. Lisanti**, and F. Pernici. Sensor fusion for cooperative head localization. In *Proceedings of the International Conference on Pattern Recognition*, pages 384–387, Istanbul, Turkey, Aug. 2010.
- [C20] A. Del Bimbo, **G. Lisanti**, I. Masi, and F. Pernici. Device-tagged feature-based localization and mapping of wide areas with a ptz camera. In *Proceedings of the International Conference on Computer Vision and Pattern Recognition (Workshop on Social Intelligent Surveillance and Monitoring)*, pages 39–44, San Francisco, CA, USA, Jun. 2010.
- [C21] A. Del Bimbo, **G. Lisanti**, and F. Pernici. Scale invariant 3D multi-person tracking using a base set of bundle adjusted visual landmarks. In *Proceedings of the International Conference on Computer Vision (Workshop on Visual Surveillance)*, pages 1121–1128, Kyoto, Japan, Sept. 2009.
- [C22] A. D. Bimbo, F. Dini, and **G. Lisanti**. A real time solution for face logging. In *Proceedings of the International Conference on Crime Detection and Prevention*, pages 1–6, London, UK, Dec. 2009.

## National Conferences, Technical Reports and Demo

- [N1] A. Del Bimbo, **G. Lisanti**, I. Masi, and F. Pernici. Recent advances in PTZ camera tracking. Proceedings of GIRPR National Conference, 2012.
- [N2] A. Del Bimbo, F. Dini, **G. Lisanti**, I. Masi, and F. Pernici. 3d multiple target tracking and face pose estimation with a rotating and zooming camera. Demonstration at the European Conference on Computer Vision (ECCV), Crete, Greece, 2010.
- [N3] A. Del Bimbo, **G. Lisanti**, I. Masi, and F. Pernici. Recent research activities in videosurveillance at UNIFI:MICC. Proceedings of GIRPR National Conference, 2010.
- [N4] A. Del Bimbo, F. Dini, **G. Lisanti**, and F. Pernici. Multitarget tracking in 3d con reti di telecamere PTZ. Congresso Nazionale Assoc. Italiana per Informatica ed il Calcolo Automatico (AICA), Rome, Italy, 2009.

## Dissertations

- [S1] G. Lisanti. *Wide area surveillance with rotating and zooming cameras*. PhD thesis, Advisor: Prof. Alberto Del Bimbo, Media Integration and Communication Center, University of Florence, Italy, 2012.
- [S2] G. Lisanti. *Inseguimento di obiettivi multipli con telecamere pat-tilt-zoom*. Master thesis, Advisor: Prof. Alberto Del Bimbo, University of Florence, Italy, 2008.

Dichiarazione sostitutiva di certificazione e dichiarazione sostitutiva dell'atto di notorietà ai sensi degli art. 46 e 47 del DPR 445/2000. Il sottoscritto GIUSEPPE LISANTI, nato a VENOSA il 02.11.1982 residente in FIRENZE in VIA DI SCANDICCI 264, consapevole delle responsabilità penali cui può andare incontro in caso di dichiarazioni mendaci, ai sensi e per gli effetti di cui all'art. 76 del DPR 445/2000 e sotto la propria responsabilità, dichiara che il proprio curriculum è conforme a quanto riportato in questo documento.

Il sottoscritto, infine, esprime il proprio consenso affinché i dati personali forniti possano essere trattati, nel rispetto del D. Lgs. n.196/2003, per gli adempimenti connessi alla procedura.