

# Giuseppe Lisanti

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## Overview

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I'm currently an Associate Professor at the Department of Computer Science and Engineering of the University of Bologna.

My research interests focus on Machine Learning and Deep Learning applied to Computer Vision, Pattern Recognition and Multimedia.

Before joining the University of Bologna, I was Assistant Professor at the Department of Electrical, Computer and Biomedical Engineering of the University of Pavia, Italy. Here, I participated to the activities of the Computer Vision and Multimedia laboratory in collaboration with Prof. Virginio Cantoni. Before joining the University of Pavia, from 2012 to 2017, I was a Postdoctoral Researcher at the Media Integration and Communication Center (MICC) of the University of Florence working on person detection and re-identification, face recognition and 3D face modeling.

I received the M.Sc. degree in computer engineering in 2008 from the University of Florence, Italy, with a thesis on camera calibration and multiple targets tracking. In 2012, I received the PhD degree in Computer Engineering, Multimedia and Telecommunication from the University of Florence with the thesis "Wide Area Surveillance with Rotating and Zooming Cameras", under the supervision of Prof. Alberto Del Bimbo.

In 2015, I participated to the organization of the tutorial on "Person Re-identification: Theory and Best Practice" at the International Conference on Biometrics: Theory, Applications and Systems (BTAS). I was also the lead organizer of the International Workshop on Cross-domain Human Identification (CHI) at the International Conference on Computer Vision (ICCV) in 2017 and I participated in the organization of the International Workshop on 3D Human Understanding (3DHU) at the International Conference on Pattern Recognition (ICPR) in 2020.

According to Google Scholar, as of March 2025, my h-index is 18 and my publications have been cited more than 1700 times (see <http://scholar.google.com>). I have been co-author of more than 50 papers published in the most prestigious journals and conferences in computer vision, multimedia analysis, retrieval and pattern recognition and I received the best paper award at the IEEE Computer Society Workshop on Biometrics in 2017 with the article "Investigating Nuisance Factors in Face Recognition with DCNN Representation". I serve as reviewer for the most important journals and the top conferences in computer vision and machine learning and I was nominated among the top 10% of high-scoring reviewers at NeurIPS 2020.

I have been involved in research collaborations with other research centers, both national and international. From 2015 to 2019, I worked on group re-identification and behavior analysis with Prof. Gian Luca Foresti and Niki Martinel of the University of Udine. From 2012 to 2015 I had a research collaboration on automatic PTZ camera scheduling for multiple target tracking with Prof. Vittorio Murino of the Italian Institute of Technology and Pietro Salvagnini of the University of Verona. These collaborations led to the publication of several articles in the most prestigious journals and conferences in computer vision.

I have actively been participating in various roles in several research projects and a number of industry-funded projects, among which: Co-Pi of the AdvVent project, funded by the Italian PRIN program working on adversarial attacks and images protection; the GLAIVE project, funded by the JANUS program of the US IARPA in collaboration with the University of Southern California (USC) and the Information Science Institute (ISI) working on face tracking and recognition; the AQUIS-CH and Mnemosyne projects, funded by the Tuscany region (Italy), working on person re-identification for behavior analysis; a research contract with THALES Italy S.p.A. working on video analysis for security applications.

## Academic Appointments

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### Associate Professor

*Department of Computer Science and Engineering (DISI) – University of Bologna, Italy*

2021 –

Main responsibilities: teaching courses for under-grad and grad students; working on research in Computer Vision and Deep Learning; supervision of Bachelor, Master thesis and a PhD student; communication of research results in papers and presentations; Work-Package leader and Co-Pi of research projects.

**Assistant Professor (tenure-track) - L.240/2010 A.24 C.3-b)**

*Department of Computer Science and Engineering (DISI) – University of Bologna, Italy*

2018 – 2021

Main responsibilities: teaching courses for under-grad and grad students; working on research in Computer Vision and Deep Learning; supervision of Bachelor, Master thesis and a PhD student; communication of research results in papers and presentations.

**Assistant Professor - L.240/2010 A.24 C.3-a)**

*Dept. of Electrical, Computer and Biomedical Engineering – University of Pavia, Italy*

2017 – 2018

Main responsibilities: teaching courses for under-grad students; working on research in Computer Vision and Deep Learning; supervision of Bachelor and Master thesis; communication of research results in papers and presentations.

**Postdoctoral Researcher – Fellowship L.240/2010**

*Department of Information Engineering (DINFO) – University of Florence, Italy*

2014 – 2017

Main responsibilities: fundamental research in computer vision and machine learning; supervision of master and PhD students; communication of research results in papers and presentations.

**Postdoctoral Researcher – Fellowship L.240/2010**

*Department of Information Engineering (DINFO) – University of Florence, Italy*

2012 – 2014

Project identifier: AQUIS-CH POR-CRO-FSE 2007-2013/UNIFI-FSE2012

Main responsibilities: fundamental research in computer vision and machine learning; communication of research results in papers and presentations.

**Postdoctoral Researcher – Fellowship L.240/2010**

*Media Integration and Communication Center (MICC) – University of Florence, Italy*

2011 – 2012

Main responsibilities: fundamental research in computer vision and machine learning; communication of research results in papers and presentations.

## Education

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**Ph.D. in Computer Engineering, Multimedia and Telecommunication**

*University of Florence, Italy*

2009 – 2012

Thesis: Wide Area Surveillance with Rotating and Zooming Cameras

Advisor: Professor Alberto Del Bimbo.

Main subjects: Computer Vision, Machine Learning, Visual Tracking

**M.Sc. in Computer Engineering**

*University of Florence, Italy,*

2005 – 2008

Thesis: Multiple targets tracking with a Pan Tilt Zoom camera

Advisor: Professor Alberto Del Bimbo.

Main subjects: Computer Vision, Machine Learning, Visual Tracking

**B.Sc. in Computer Engineering**

*University of Florence, Italy*

2001 – 2005

Advisor: Professor Enrico Vicario.

Main subjects: Fundamentals of Programming Languages, Software Engineering

## Honors, Awards and Scholarships

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**[A5] Outstanding reviewer:** In the top 10% of high-scoring reviewers for the Conference on Neural Information Processing Systems (NeurIPS), 2020.

**[A4] Best paper award:** Recipient of the Best paper award at the IEEE Computer Society Workshop on Biometrics for the paper “Investigating Nuisance Factors in Face Recognition with DCNN Representation”. Workshop in conjunction with the International Conference on Computer Vision and Pattern Recognition (CVPR), 2017.

**[A3] Young Researcher Support Grant:** Travel grant to attend the IEEE International Conference on Computer Vision (ICCV), 2017.

**[A2] Certificate of Appreciation:** For the organization of the tutorial on “Person Re-Identification: Theory and Best Practice” at the IEEE International Conference on Biometrics: Theory, Applications and Systems (BTAS), 2015.

**[A1] Certificate of Appreciation:** For participating in the organization of the European Conference on Computer Vision (ECCV), Florence, Italy, 2012.

## Research Projects

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### **Adversarial Venture, the Mixed Blessing of Adversarial Attacks (AdVVent)**

*Funding: National Research Program and Projects of Significant National Interest Fund (PRIN2022)* 2022 –  
Role: Co-Pi and responsible for the Univ. of Bologna research unit. Supervision of the research fellow: F. Bartolucci

### **Head and face Automated reconstruction via Machine LEarning Techniques (HAMLET)**

*Funding: Almaldea program of the University of Bologna (Decreto MUR n.737 del 25/06/21)* 2022 – 2023  
Role: Co-Pi of the research project

### **AI4EU**

*Funding: European Commission, Horizon 2020 g.a. 825619* 2019 – 2022  
Role: Involved in the Task 3.4, WP3

### **Graphics-based Learning Approach Integrated with Vision Elements (GLAIVE)**

*Funding: JANUS program of the US IARPA, contract number 2014-14071600011* 2014 – 2017  
Role: Investigator – Face Recognition

### **Innovative technologies for cultural heritage fruition (AQUIS-CH)**

*Funding: Tuscany Region (Italy) and European Social Fund POR FSE 2007-2013* 2012 – 2014  
Role: WP leader – Improved interactivity with 3D holographic display by behavior detection

### **Intermodal System Integrated for Security and Signaling on Rail (SISSI)**

*Funding: Tuscany Region (Italy), PAR FAS 2007-2013 program (P.I.R. 1.1.B, Action 1.1)* 2011 – 2014  
Role: I was involved in the Tasks 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

### **MNEMOSYNE Smart museums**

*Funding: Tuscany Region (Italy) and THALES Italy S.p.A, Fund PAR FAS 2007-13* 2011 – 2013  
Role: researcher

### **Joint Laboratory on Computer Vision**

*University of Florence and THALES Italy S.p.A.* 2010 – 2017  
Role: researcher and technical coordinator of the headquarter at MICC

### **Video Analysis for security applications**

*Research contract between the University of Florence and THALES Italy S.p.A.* 2008 – 2014  
Role: technical lead of a research group and developer

### **Semantic Video Search With a Large Thesaurus of Concept (VIDI-Video)**

*Funding: European Commission, IST FP6 no. 045547* 2007 – 2009  
Role: researcher

## Teaching

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### **Image Processing and Computer Vision – Module 1**

*Artificial Intelligence, University of Bologna* 3 CFU, 24 hours  
2021/2022 –  
Course for students (about 130/year) enrolled in the Master degree in Artificial Intelligence.

### **Computer Vision**

*Computer Science, University of Bologna* 6 CFU, 56 hours  
2021/2022 –  
Course for students (about 20/year) enrolled in the Master degree in Computer Science.

### **Data Analytics – Module 2**

*Computer Science, University of Bologna* 4 CFU, 44 hours  
2020/2021 –  
Course for students (about 40/year) enrolled in the Master degree in Computer Science.

### **Programming – Module 2**

*Computer Science, University of Bologna* 2 CFU, 32 hours  
2019/2020 – 2023/2024  
Course for students (about 150/year) enrolled in the Bachelor degree in Computer Science.

### **Programming – Module 2**

*Genomics, University of Bologna* 45 hours  
2019/2020  
Course for students (about 50/year) enrolled in the Bachelor degree in Genomics.

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| <b>Computer Science – Module 2</b><br><i>Mathematics, University of Bologna</i><br>Course for students (about 250/year) enrolled in the Bachelor degree in Mathematics.   | <b>4 CFU, 38 hours</b><br>2018/2019            |
| <b>Object Oriented Programming</b><br><i>Computer Engineering, University of Pavia</i><br>Course for students (about 100/year) enrolled in the Bachelor degree in Computer Engineering  | <b>5 CFU, 60 hours</b><br>2017/2018, 2018/2019 |
| <b>Adjunct Professor of “Elaborazione Computerizzata dei Segnali Bioelettrici”</b><br><i>University of Florence</i><br>Course for students (about 10/year) enrolled in the Bachelor degree in “Tecniche di Neurofisiopatologia” | <b>2 CFU, 24 hours</b><br>2015/2016, 2016/2017 |
| <b>Adjunct Professor of “Databases”</b><br><i>Computer Engineering, Politecnico di Milano – Polo Universitario Aretino</i><br>Course for students enrolled in the Bachelor degree in Computer Engineering                       | <b>5 CFU, 35 hours</b><br>2016/2017            |
| <b>Teaching Assistant for “Visual and Multimedia Recognition”</b><br><i>University of Florence</i><br>Master degree in Computer Engineering, Prof. Alberto Del Bimbo  | 2016/2017                                      |
| <b>Teaching Assistant for “Multimedia Databases”</b><br><i>University of Florence</i><br>Master degree in Computer Engineering, Prof. Alberto Del Bimbo   | 2012/2013 – 2015/2016                          |
| <b>Teaching Assistant for “Fundamentals of Multimedia Design and Production”</b><br><i>University of Florence</i><br>Bachelor degree in Computer Engineering, Prof. Alberto Del Bimbo   | 2009/2010, 2010/2011                           |
| <b>Adjunct Professor for “MARKUP Languages and Web design”</b><br><i>IFTS Project, I.S.I.S. Machiavelli, Florence, Italy</i>  | 2006/2007                                      |
| <b>Project Mentor and Instructor for the “Laboratory on HTML and Web Design”</b><br><i>University of Florence</i><br>Master in Multimedia Content Design  | 2005/2006 – 2008/2009                          |

## Student Supervision

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| <b>Ph.D. students co-advisor</b> .....   |             |
| ○ G. Melacini, Ph.D. in Computer Science and Engineering, University of Bologna                  | 2024 –      |
| ○ A. Costanzino, Ph.D. in Computer Science and Engineering, University of Bologna                | 2022 –      |
| ○ A. Amaduzzi, Ph.D. in Data Science, University of Bologna                                      | 2021 –      |
| ○ L. Stacchio, University of Bologna, Ph.D. funded by the AEFEE group                            | 2020 – 2023 |
| ○ C. Ferrari, Ph.D. in Computer Engineering, Multimedia and Telecommunication, Univ. of Florence | 2014 – 2018 |
| ○ F. Bartoli, Ph.D. in Computer Engineering, Multimedia and Telecommunication, Univ. of Florence | 2013 – 2017 |

## Academic service and qualifications

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| <b>Faculty member of the International Ph.D. in “Computer Science and Engineering”</b><br><i>University of Bologna</i>  | 2020 – |
| <b>Faculty member of the Int’l. Ph.D. in “Computational Mathematics and Decision Sciences”</b><br><i>University of Pavia and Università della Svizzera Italiana</i>                                 | 2018   |
| <b>Faculty member of the Working Group on Artificial Intelligence</b><br><i>University of Bologna</i><br>Working Group for the definition of the Guidelines and Policy for the use of Generative AI | 2024 – |
| <b>Faculty member of the Internship Committee – Master degree in Artificial Intelligence</b><br><i>Department of Computer Science and Engineering, University of Bologna</i>                        | 2024 – |

## Research Collaborations

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### **Analysis of historical images**

*Research collaboration with Prof. Gustavo Marfia and Prof. Daniela Calanca*  
Virtual and Augmented Reality Lab (VARLab), University of Bologna  
Publications: [U1]

2019 –

### **Multimodal analysis of document images**

*Research collaboration with Prof. Maurizio Gabbrielli and Stefano Pio Zingaro*  
Department of Computer Science and Engineering (DISI), University of Bologna  
Publications: [C26], [C25]

2019 –

### **Person re-identification, group re-identification and behavior analysis**

*Research collaboration with Prof. Gian Luca Foresti and Niki Martinel*  
Machine Learning and Perception Lab, University of Udine  
Publications: [J12], [C21]

2015 – 2019

### **Automatic PTZ camera scheduling for multiple target tracking**

*Research collaboration with Prof. Vittorio Murino and Pietro Salvagnini*  
Italian Institute of Technology and University of Verona  
Publications: [J4], [C10]

2012 – 2015

## Seminars and Talks

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### **Deep Learning in Computer Vision**

*Mondino Foundation, University of Pavia*  
Invited Speaker at the “International Winter school in Machine and Deep Learning for neurological diseases”

2018

### **Deep Convolutional Neural Networks**

*University of Pavia*  
Seminar for the course “Advanced methods in biomedical data mining”, Prof. R. Bellazzi

2018

### **Human Identification in the Wild: from Local to Holistic Approaches**

*University of Pavia*  
Seminar for the PhD school in Electronics, Computer Science and Electrical Engineering

2017

## Organization of Workshops and Tutorials at International Conferences

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### **International Workshop on 3D Human Understanding (3DHU)**

*in conjunction with the International Conference on Pattern Recognition (ICPR)*  
<https://sites.google.com/unifi.it/3dhu2020/>

2021

### **International Workshop on Cross-domain Human Identification (CHI)**

*in conjunction with the International Conference on Computer Vision (ICCV)*  
<https://chi-workshop.github.io>

2017

### **Tutorial on Person Re-identification: Theory and Best Practice**

*in conjunction with the International Conference on Biometrics: Theory, Applications and Systems (BTAS)*  
<http://www.micc.unifi.it/reid-tutorial/>

2015

## Service to the scientific community

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○ **Area Chair** for the International Conference on Image Analysis and Processing (ICIAP)

2025

○ **Area Chair** for the IEEE Winter Conference on Applications of Computer Vision (WACV)

2018

- Part of the **Scientific Committee** for the International Winter school in Machine and Deep Learning for Neurological Diseases 2018
- **Publication Chair** for the Int'l. Workshop on Content-Based Multimedia Indexing (CBMI) 2017
- Part of the **Local Committee** for the European Conference on Computer Vision (ECCV) 2012
- Part of the **Local Committee** for the ACM International Conference on Multimedia (ACM-MM) 2010

#### Reviewer for International Journals.....

- Elsevier Pattern Recognition Letters (PRL)
- Elsevier Computer Vision and Image Understanding (CVIU)
- Elsevier Pattern recognition (PR)
- Elsevier Journal of Visual Communication and Image Representation (JVIS)
- IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)
- IEEE Transactions on Image Processing (TIP)
- IEEE Transactions on Multimedia (TMM)
- IEEE Transactions on Information Forensics and Security (TIFS)
- IEEE System Journal (ISJ)
- ACM Transactions on Multimedia Computing, Communications and Applications (TOMM)
- ACM Computing Surveys
- Springer International Journal of Computer Vision (IJCV)
- Springer Journal of Mathematical Imaging and Vision (JMIV)
- Springer Signal Image and Video Processing (SIGPRO)
- Springer Neural Processing Letters (NEPL)
- Springer Multimedia Tools and Applications (MTAP)
- Springer Multimedia Systems Journal (MMSJ)
- Springer Pattern Analysis and Applications (PAA)

#### Technical Program Committee.....

- International Conference on Neural Information Processing Systems (NeurIPS) 2020, 2021
- International Conference on Computer Vision and Pattern Recognition (CVPR) 2018, 2021
- Asian Conference on Computer Vision (ACCV) 2018
- International Conference on Smart Multimedia (ICSM) 2018
- International Workshop on Assistive Computer Vision and Robotics (ACVR) 2017
- ChaLearn Looking at People and Faces of the World (Workshop in CVPR) 2016, 2017
- International Workshop on Content-Based Multimedia Indexing (CBMI) 2015, 2017
- International Workshop on Wearable Multimedia (Workshop in ICMR) 2017
- ChaLearn Looking at People and Faces of the World (Workshop in ECCV) 2016
- Joint Contest and Workshop on Multimedia Challenges Beyond Visual Analysis (Workshop in ICPR) 2016

#### Reviewer for International Conferences and Workshops.....

- ACM-MM (2010, 2017), ICMR (2017), ICPR (2014, 2016), CVPR (2010, 2014, 2025), ECCV (2012), ICIAP (2015), CBMI (2015), ICIP (2011, 2013), AVSS (2013), CAIP (2011), ACCV (2009)

## Professional Memberships and Affiliations

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### Member of the CVPL

*The Italian chapter of IAPR* 2008 –

### Member of the CVF

*Computer Vision Foundation* 2017 –

### Member of the Alma Mater Research Institute for Human-Centered Artificial Intelligence (Alma AI)

*University of Bologna* 2020 –



## Member of the ACM

Association for Computing Machinery – Professional Membership

2020

## Member of the IEEE

Institute of Electrical and Electronics Engineers

2011

## Publications

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**h-index:** 18 (Google Scholar), 16 (Scopus)

**Number of citations:** 1756 (Google Scholar), 1200 (Scopus)

### Journals.....

- [J21] T. Fontanini, C. Ferrari, G. Lisanti, M. Bertozzi, and A. Prati, "Semantic image synthesis via class-adaptive cross-attention," *IEEE Access*, 2025.
- [J20] S. Mazzocchetti, M. Bevini, G. Badiali, G. Lisanti, L. Di Stefano, and S. Salti, "Automatic implant generation for cranioplasty via occupancy networks," *IEEE Access*, 2024.
- [J19] G. Lisanti and N. Giambi, "Conditioning diffusion models via attributes and semantic masks for face generation," *Computer Vision and Image Understanding*, vol. 244, p. 104026, 2024.
- [J18] S. Mazzocchetti, R. Spezialetti, M. Bevini, G. Badiali, G. Lisanti, S. Salti, and L. Di Stefano, "Neural shape completion for personalized maxillofacial surgery," *Scientific Reports*, vol. 14, no. 1, p. 19810, 2024.
- [J17] L. Stacchio, A. Angeli, G. Lisanti, and G. Marfia, "Analyzing cultural relationships visual cues through deep learning models in a cross-dataset setting," *Neural Computing and Applications*, vol. 36, no. 20, pp. 11727–11742, 2024.
- [J16] T. Fontanini, C. Ferrari, G. Lisanti, L. Galteri, S. Berretti, M. Bertozzi, and A. Prati, "Frankenmask: Manipulating semantic masks with transformers for face parts editing," *Pattern Recognition Letters*, vol. 176, pp. 14–20, 2023.
- [J15] L. Stacchio, A. Alessi, **G. Lisanti**, G. Marfia, and D. Calanca, "Towards a holistic approach to the socio-historical analysis of vernacular photos from the twentieth century," *ACM Transactions on Multimedia Computing, Communications and Applications*, 2021.
- [J14] E. M. Aiello, **G. Lisanti**, L. Magni, M. Musci, and C. Toffanin, "Therapy-driven deep glucose forecasting," *Engineering Applications of Artificial Intelligence*, vol. 87, p. 103255, 2020.
- [J13] L. Galteri, C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo, "Deep 3d morphable model refinement via progressive growing of conditional generative adversarial networks," *Computer Vision and Image Understanding*, vol. 185, pp. 31 – 42, 2019.
- [J12] **G. Lisanti**, N. Martinel, C. Micheloni, A. Del Bimbo, and G. Foresti, "From Person to Group Re-Identification via Unsupervised Transfer of Sparse Features," *Image and Vision Computing*, vol. 83-84, pp. 29–38, 2019.
- [J11] F. Bartoli, **G. Lisanti**, S. Karaman, and A. Del Bimbo, "Scene-dependent Proposals for Efficient Person Detection," *Pattern Recognition*, vol. 87, pp. 170–178, 2019.
- [J10] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo, "Investigating Nuisances in DCNN-based Face Recognition," *IEEE Transactions on Image Processing*, vol. 27, no. 11, pp. 5638–5651, 2018.
- [J9] C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo, "A Dictionary Learning based 3D Morphable Shape Model," *IEEE Transactions on Multimedia*, vol. 19, pp. 2666–2679, Dec 2017.
- [J8] **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*, vol. 13, no. 2, pp. 13:1–13:19, 2017.
- [J7] **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*, vol. 13, no. 2, 2017.

- [J6] **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*, vol. 27, no. 7, pp. 1071–1085, 2016.
- [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*, vol. 37, no. 8, pp. 1629–1642, 2015.
- [J4] 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*, vol. 134, pp. 74–88, 2015.
- [J3] S. Karaman, **G. Lisanti**, A. D. Bagdanov, and A. Del Bimbo, "Leveraging local neighborhood topology for large scale person re-identification," *Pattern Recognition*, vol. 47, no. 12, pp. 3767–3778, 2014.
- [J2] A. D. Bagdanov, A. Del Bimbo, F. Dini, **G. Lisanti**, and I. Masi, "Posterity Logging of Face Imagery for Video Surveillance," *IEEE Multimedia*, vol. 19, no. 4, pp. 48–59, 2012.
- [J1] 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*, vol. 114, no. 6, pp. 611–623, 2010.

## 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 *Person Re-Identification* (S. Gong, M. Cristani, S. Yan, and C. C. Loy, eds.), pp. 287–307, London: Springer, 2014.

## Conferences and Workshops

- [C32] A. Amaduzzi, P. Zama Ramirez, G. Lisanti, S. Salti, and L. Di Stefano, "Llana: Large language and nerf assistant," *Advances in Neural Information Processing Systems*, vol. 37, pp. 1162–1195, 2024.
- [C31] A. Costanzino, P. Z. Ramirez, G. Lisanti, and L. Di Stefano, "Multimodal industrial anomaly detection by crossmodal feature mapping," in *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*, pp. 17234–17243, 2024.
- [C30] A. Costanzino, P. Z. Ramirez, M. Del Moro, A. Aiezzo, G. Lisanti, S. Salti, and L. Di Stefano, "Test time training for industrial anomaly segmentation," in *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*, pp. 3910–3920, 2024.
- [C29] A. Amaduzzi, G. Lisanti, S. Salti, and L. Di Stefano, "Looking at words and points with attention: a benchmark for text-to-shape coherence," in *Proceedings of the IEEE/CVF International Conference on Computer Vision Workshops (ICCVW)*, 2023.
- [C28] L. Stacchio, A. Angeli, G. Lisanti, G. Marfia, et al., "Searching for cultural relationships through deep learning models," in *CEUR WORKSHOP PROCEEDINGS*, vol. 3266, pp. 1–11, CEUR-WS, 2022.
- [C27] L. Stacchio, A. Angeli, G. Lisanti, and G. Marfia, "Applying deep learning approaches to mixed quantitative-qualitative analyses," in *Proceedings of the 2022 ACM Conference on Information Technology for Social Good*, pp. 161–166, 2022.
- [C26] S. P. Zingaro, **G. Lisanti**, and M. Gabbrielli, "Multimodal side-tuning for document classification," in *Proceedings of the International Conference on Pattern Recognition*, (Milan, Italy), pp. 5206–5213, 2020.
- [C25] F. Del Bonifro, **G. Lisanti**, M. Gabbrielli, and S. P. Zingaro, "Student Dropout Prediction," in *International Conference on Artificial Intelligence in Education*, (Ifrane, Morocco), pp. 129–140, 2020.
- [C24] L. Galteri, C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo, "Coarse-to-fine 3D face reconstruction," in *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops*, (Long Beach, CA, USA), pp. 25–31, 2019.
- [C23] L. Galteri, C. Ferrari, **G. Lisanti**, S. Berretti, and A. Del Bimbo, "Coarse to fine 3D face reconstruction from single image," in *Proceedings of the International Conference on Automatic Face and Gesture Recognition (FG)*, (Lille, France), 2019.



- [C22] F. Bartoli, **G. Lisanti**, L. Ballan, and A. Del Bimbo, "Context-Aware Trajectory Prediction," in *Proceedings of the International Conference on Pattern Recognition*, (Beijing, China), pp. 1941–1946, 2018.
- [C21] **G. Lisanti**, N. Martinel, A. Del Bimbo, and G. Foresti, "Group Re-Identification via Unsupervised Transfer of Sparse Features Encoding," in *Proceedings of the International Conference on Computer Vision*, (Venice, Italy), pp. 2449–2458, 2017.
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