

Software Engineer**3/2007 - 7/2007***AirSport S.r.l. and the LaRT (networked system lab), U. of Florence*

Developed a Network Management System (AirNMS) for MeshAP networks. Implemented both the fronted and backend. Frontend was coded using python and wxPython, building a plugin system exploiting design patterns to easily add new feature to the client. The backend was coded on ARM board using lighttpd+PHP with an ad-hoc XML protocol. (*Joint work with Marco Meoni*).

Webmaster**10/2005 - 11/2014***Many Companies*

Webmaster for websites using technologies such as Apache, PHP, MySQL, Wordpress, Joomla and JQuery.

Awards**Best Paper Runner up Award****10/2017**

Best Paper Runner up “FacePoseNet: Making a Case for Landmark-Free Face Alignment” at IEEE Workshop on Analysis and Modeling of Faces and Gestures (AMFG) at ICCV Workshops 2017.

Winner of “USC Travel Award 2015”**6/2015**

USC Postdoctoral Travel Award. More info: <https://uscpostdochub.usc.edu/recipient/>

Certificate of Excellence**10/2010**

Award for technical support at ACM Multimedia 2010, Florence.

Winner of “Renato Mariani Award 2010”**3/2010**

Awarded best student in computer engineering by AEIT (Italian Federation of Electrical Engineering, Automation and Computer Science).

**Services to
Community****Area Chair for WACV’18****12/2017**

Participated in the committee of WACV’18 (IEEE Winter Conference on Applications of Computer Vision) as Area Chair (Meta-Reviewer). More details: <http://wacv18.uccs.us/people/>

International Workshop Chair**10/2017**

Co-organizer of the International Workshop on Cross-domain Human Identification (CHI), at ICCV’17 with Giuseppe Lisanti, Tal Hassner and Shaogang Gong. More details: <http://chi-workshop.github.io>

Tutorial on Person Re-identification: Theory and Best Practice**9/2015**

Presented a tutorial at the International Conference on Biometrics 2015 (BTAS) to spread and disseminate new ways of identifying people in the wild. More details: <http://micc.unifi.it/reid-tutorial/>

Web Chair**10/2013 - 6/2014**

Setup and managed the website for the “Long-Term Detection and Tracking” Workshop to be held during CVPR’14. More details: <http://www.micc.unifi.it/LTDT2014/>

Reviewer for International Journals and Conferences**1/2010 - now**

TPAMI, CVPR’16, ECCV’16, TIP, IJCV, PAAA, ACM Multimedia, ECCV’14, ICPR’12, BMVC, IJCB.

Publications (** indicates equal contribution*)**Journals**

- **I. Masi**, F. Chan, J. Choi, S. Harel, J. Kim, K. Kim, J. Leksut, S. Rawls, Y. Wu, T. Hassner, W. AbdAlmageed, G. Medioni, L.P. Morency, P. Natarajan, R. Nevatia, “Learning Pose-Aware Models for Pose-Invariant Face Recognition in the Wild”, *IEEE Transaction on Pattern Analysis and Machine Intelligence (TPAMI)*, 2018.
- G. Lisanti, S. Karaman, **I. Masi**, “Multi Channel-Kernel Canonical Correlation Analysis for Cross-View Person Re-Identification”, *ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM)*, 2017.
- G. Lisanti, **I. Masi**, F. Pernici, A. Del Bimbo, “Continuous Localization and Mapping of a Pan Tilt Zoom Camera for Wide Area Tracking”, *Machine Vision and Applications (MVA)*, 2016.
- G. Lisanti, **I. Masi**, A. D. Bagdanov, A. Del Bimbo, “Person Re-identification by Iterative Re-weighted Sparse Ranking”, *IEEE Transaction on Pattern Analysis and Machine Intelligence (TPAMI)*, 2015.

- A. D. Bagdanov, A. Del Bimbo, F. Dini, G. Lisanti and **I. Masi**, “Posterity Logging of Face Imagery for Video Surveillance” in *IEEE Multimedia*, October 2012.

International Conferences, Workshops and Demos

- F. Chang, A. Tran, T. Hassner, **I. Masi**, R. Nevatia, G. Medioni, “FacePoseNet: Making a Case for Landmark-Free Face Alignment”, *Analysis and Modeling of Faces and Gestures Workshop (ICCV Workshops)* Venice, Italy, 2017
- A. Tran, T. Hassner, **I. Masi**, G. Medioni, “Regressing Robust and Discriminative 3D Morphable Models with a very Deep Neural Network”, in *Proc. of Computer Vision and Pattern Recognition (CVPR)*, Hawaii, USA, 2017.
- **I. Masi**, T. Hassner, A. Tran, G. Medioni, “Rapid Synthesis of Massive Face Sets for Improved Face Recognition”, *International Conference on Automatic Face and Gesture Recognition (FG)*, USA, 2017
- **I. Masi***, A. Tran*, T. Hassner*, J. Leksut, G. Medioni, “Do We Really Need to Collect Millions of Faces for Effective Face Recognition?”, in *Proc. of European Conference on Computer Vision (ECCV)*, Amsterdam 2016.
- T. Hassner, **I. Masi**, J. Kim, J. Choi, S. Harel, P. Natarajan, G. Medioni, “Pooling Faces: Template based Face Recognition with Pooled Face Images”, in *Workshop on Biometrics (CVPR Workshops)*, USA 2016.
- W. AbdAlmageed*, Y. Wu*, S. Rawls*, S. Harel, T. Hassner, **I. Masi**, J. Choi, J. Leksut, J. Kim, P. Natarajan, R. Nevatia, G. Medioni, “Face Recognition Using Deep Multi-Pose Representations”, in *Proc. of Winter Conference on Applications of Computer Vision (WACV)*, USA 2016.
- **I. Masi**, S. Rawls, G. Medioni, P. Natarajan “Pose-Aware Face Recognition in the Wild”, in *Proc. of Computer Vision and Pattern Recognition (CVPR)*, Las Vegas, USA, 2016.
- G. Lisanti, **I. Masi**, A. Del Bimbo, “Matching People across Camera Views using Kernel Canonical Correlation Analysis”, in *Proc. of International Conference on Distributed Smart Cameras (ICDSC)*, Venice, Italy, 2014.
- **I. Masi**, C. Ferrari, A. Del Bimbo, G. Medioni, “Pose Independent Face Recognition by Localizing Local Binary Patterns via Deformation Components”, in *Proc. of International Conference on Pattern Recognition (ICPR)*, Stockholm, Sweden, 2014.
- 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 *IEEE Winter Applications of Computer Vision Conference (WACV)*, Steamboat Springs, USA, 2014.
- **I. Masi**, G. Lisanti, A. D. Bagdanov, P. Pala and A. Del Bimbo, “Using 3D Models to Recognize 2D Faces in the Wild”, in *International Workshop on Socially Intelligent Surveillance and Monitoring (CVPR Workshops)*, Portland, USA, 2013.
- D. Di Fina, A. D. Bagdanov, G. Lisanti, **I. Masi**, S. Karaman and A. Del Bimbo, “Multi-Target Data Association using Sparse Reconstruction” in *Proc. of International Conference on Image Analysis and Processing (ICIAP)*, Naples, Italy, 2013.
- A. D. Bagdanov, A. Del Bimbo and **I. Masi**, “Florence faces: a dataset supporting 2D/3D face recognition” in *Proc. of IEEE International Symposium on Communications, Control and Signal Processing*, Roma, Italy, 2012.
- A. D. Bagdanov, A. Del Bimbo, G. Lisanti and **I. Masi**, “Multi-pose Face Detection for Accurate Face Logging” in *Proc. of International Conference on Pattern Recognition (ICPR)*, Tsukuba Science City, Japan, 2012.
- A. Del Bimbo, G. Lisanti, **I. Masi** and F. Pernici, “Continuous Recovery for Real Time Pan Tilt Zoom Localization and Mapping” in *Proc. of International Conference on Advanced Video and Signal based Surveillance (AVSS)*, Klagenfurt, Austria, 2011.
- A. D. Bagdanov, A. Del Bimbo and **I. Masi**, “The Florence 2D/3D Hybrid Face Dataset” in *Proc. of Joint ACM Workshop on Human Gesture and Behavior Understanding (J-HGBU11) ACM Multimedia Workshop*, Arizona, USA, 2011.
- 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” in *European Conference on Computer Vision, Demo Session*, Heraklion, Crete, 2010.

- 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 *Proc. of International Workshop on Socially Intelligent Surveillance and Monitoring (CVPR Workshops)*, San Francisco, USA, 2010.
- A. Del Bimbo, G. Lisanti, **I. Masi** and F. Pernici, “Person Detection using Temporal and Geometric Context with a Pan Tilt Zoom Camera” in *Proc. of International Conference on Pattern Recognition (ICPR)*, Istanbul, Turkey, 2010.

arXiv technical reports

- Y. Nirkin, **I. Masi**, A. Tran, T. Hassner, G. Medioni, “On Face Segmentation, Face Swapping, and Face Perception”, 2017
- A. Tran, T. Hassner, **I. Masi**, E. Paz, Y. Nirkin, G. Medioni, “Extreme 3D Face Reconstruction: Looking Past Occlusions”, 2017.

Bibliometric indices are the following: H -index = 10. Total number of citations = 456 (source: Google Scholar on 2018/01).

Skills

- **Operating Systems:** Linux (*preferred*), Mac OS X, Windows.
- **Programming Languages:** *Familiar:* MATLAB *Basic:* Python, Bash, C/C++, Java, Javascript.
- **Frameworks and Tools:** *Basic:* RunJobs Framework for cluster of machines (USC ISI), hg (Mercurial)/git, Emacs/Vim, Numpy, UML and Design Patterns, Caffé (Deep Learning). *Familiar:* CMake, SVN, JQuery, GCC+Makefile, Visual Studio, Eclipse-based editors, mexOpenCV, OpenCV, L^AT_EX, L^AT_EX-Beamer, Wordpress, MATLAB;
- **Languages:** Italian *Native Speaker*, English *Fluent*

Web References

- LinkedIn: <http://www.linkedin.com/in/iacopomasi/>
- Demos: <http://www.micc.unifi.it/masi/demo/>
- CLEAR-MOT (GitHub): <https://github.com/glisanti/CLEAR-MOT/>
- KCCA-Reid (GitHub): <https://github.com/glisanti/KCCAReId>
- MCK-CCA (GitHub): <https://github.com/glisanti/MCK-CCA>
- Pose-Aware Models for Face Recognition: <http://goo.gl/forms/NK6adyd7DFJhlmHG2>
- 3DMM Made Easy with a DCNN (GitHub): https://github.com/anhtrtran/3dmm_cnn
- Face Rendering (GitHub): https://github.com/iacopomasi/face_specific_augm
- pdftoref (Google Code): <http://code.google.com/p/pdftoref/>

Interests

Ubuntu Linux community, SSI OpenWater scuba diver, AI, basketball, bodybuilding, philosophy