

Francesco Setti

List of Publications

Journal Papers

- [J5] N. Biasi, **F. Setti**, A. Del Bue, M. Tavernini, M. Lunardelli, A. Fornaser, M. Da Lio, and M. De Cecco. "Garment-Based Motion Capture (GaMoCap): high density capture of human shape in motion". In: *Machine Vision and Applications* (July 2015), pp. 1–19. DOI: 10.1007/s00138-015-0701-2.
- [J4] D. S. Cheng, **F. Setti**, N. Zeni, R. Ferrario, and M. Cristani. "Semantically-driven automatic creation of training sets for object recognition". In: *Computer Vision and Image Understanding* 131 (Feb. 2015). Special section: Large Scale Data-Driven Evaluation in Computer Vision, pp. 56–71. DOI: 10.1016/j.cviu.2014.07.005.
- [J3] **F. Setti**, C. Russell, C. Bassetti, and M. Cristani. "F-formation Detection: Individuating Free-standing Conversational Groups in Images". In: *PLoS ONE* 10.9 (Sept. 2015), e0139160. DOI: 10.1371/journal.pone.0139160.
- [J2] **F. Setti**, R. Bini, M. Lunardelli, P. Bosetti, S. Bruschi, and M. De Cecco. "Shape measurement system for single point incremental forming (SPIF) manufactures by using trinocular vision and random pattern". In: *Measurement Science and Technology* 23.11 (Oct. 2012), p. 115402. DOI: 10.1088/0957-0233/23/11/115402.
- [J1] M. De Cecco, M. Pertile, L. Baglivo, M. Lunardelli, **F. Setti**, and M. Tavernini. "A Unified Framework for Uncertainty, Compatibility Analysis, and Data Fusion for Multi-Stereo 3-D Shape Estimation". In: *IEEE Transactions on Instrumentation and Measurement* 59.11 (Nov. 2010), pp. 2834–2842. DOI: 10.1109/TIM.2010.2060930.

Conference Papers

- [C16] D. Conigliaro, P. Rota, **F. Setti**, C. Bassetti, N. Conci, N. Sebe, and M. Cristani. "The S-Hock Dataset: Analyzing Crowds at the Stadium". In: *IEEE International Conference on Computer Vision and Pattern Recognition (CVPR)*. 2015.
- [C15] **F. Setti** and M. Cristani. "The GRODE Metrics: Exploring the Performance of Group Detection Approaches". In: *GROW workshop, in conjunction with CVPR*. 2015.
- [C14] D. Porello, **F. Setti**, R. Ferrario, and M. Cristani. "Multiagent Socio-Technical Systems. An Ontological Approach". In: *Coordination, Organizations, Institutions, and Norms in Agent Systems IX*. Vol. 8386. Lecture Notes in Computer Science. 2014, pp. 42–62. DOI: 10.1007/978-3-319-07314-9_3.
- [C13] D. Conigliaro, **F. Setti**, C. Bassetti, R. Ferrario, and M. Cristani. "ATTENTO: ATTENTION Observed for Automated Spectator Crowd Analysis". In: *Human Behavior Understanding*. Vol. 8212. Lecture Notes in Computer Science. Barcelona, Spain, Oct. 2013, pp. 102–111. DOI: 10.1007/978-3-319-02714-2_9.

- [C12] D. Conigliaro, **F. Setti**, C. Bassetti, R. Ferrario, and M. Cristani. "Viewing the Viewers: A Novel Challenge for Automated Crowd Analysis". In: *New Trends in Image Analysis and Processing – ICIAP*. Vol. 8158. Lecture Notes in Computer Science. Neaples, Italy, Sept. 2013, pp. 517–526. DOI: 10.1007/978-3-642-41190-8_56.
- [C11] **F. Setti**, D.-S. Cheng, S. Abdulhak, R. Ferrario, and M. Cristani. "Ontology-Assisted Object Detection: Towards the Automatic Learning with Internet". In: *Image Analysis and Processing – ICIAP 2013*. Vol. 8157. Lecture Notes in Computer Science. Neaples, Italy, Sept. 2013, pp. 191–200. DOI: 10.1007/978-3-642-41184-7_20.
- [C10] **F. Setti**, H. Hung, and M. Cristani. "Group detection in still images by F-formation modeling: A comparative study". In: *14th International Workshop on Image Analysis for Multimedia Interactive Services (WIAMIS)*. Paris, France, July 2013, pp. 1–4. DOI: 10.1109/WIAMIS.2013.6616147.
- [C9] **F. Setti**, O. Lanz, R. Ferrario, V. Murino, and M. Cristani. "Multi-scale F-formation discovery for group detection". In: *20th IEEE International Conference on Image Processing (ICIP)*. Melbourne, Australia, Sept. 2013, pp. 3547–3551. DOI: 10.1109/ICIP.2013.6738732.
- [C8] **F. Setti**, D. Porello, R. Ferrario, S. Abdulhak, and M. Cristani. "'Tell Me More': How Semantic Technologies Can Help Refining Internet Image Search". In: *Proceedings of the International Workshop on Video and Image Ground Truth in Computer Vision Applications (VIGTA)*. St. Petersburg, Russia, July 2013, 3:1–3:6. DOI: 10.1145/2501105.2501110.
- [C7] I. Afanasyev, M. Lunardelli, N. Biasi, L. Baglivo, M. Tavernini, **F. Setti**, and M. De Cecco. "3D Human Body Pose Estimation by Superquadrics". In: *International Conference on Computer Vision Theory and Applications (VISAPP)*. Vol. 2. Rome, Italy, 2012, pp. 294–302.
- [C6] N. Biasi, **F. Setti**, M. Tavernini, A. Fornaser, M. Lunardelli, M. Da Lio, and M. De Cecco. "Low-cost Garment-based 3D Body Scanner". In: *3rd International Conference and Exhibition on 3D Body Scanning Technologies*. Lugano, Switzerland, Oct. 2012, pp. 106–114.
- [C5] L. Baglivo, A. Del Bue, M. Lunardelli, **F. Setti**, V. Murino, and M. De Cecco. "A Method for Asteroids 3D Surface Reconstruction from Close Approach Distances". In: *Computer Vision Systems*. Vol. 6962. Lecture Notes in Computer Science. Sophia Antipolis, France, Sept. 2011, pp. 21–30. DOI: 10.1007/978-3-642-23968-7_3.
- [C4] C. Russell, L. Agapito, and **F. Setti**. "Efficient Second Order Multi-Target Tracking with Exclusion Constraints". In: *Proceedings of the British Machine Vision Conference (BMVC)*. Dundee, UK, Sept. 2011, pp. 13.1–13.11. DOI: 10.5244/C.25.13.
- [C3] **F. Setti**, M. De Cecco, and A. Del Bue. "A multi-view stereo system for articulated motion analysis". In: *International Conference on Computer Vision Theory and Applications (VISAPP)*. Angers, France, May 2010, pp. 11–16.
- [C2] M. De Cecco, L. Baglivo, G. Parzianello, M. Lunardelli, **F. Setti**, and M. Pertile. "Uncertainty analysis for multi-stereo 3d shape estimation". In: *IEEE International Workshop on Advanced Methods for Uncertainty Estimation in Measurement (AMUEM)*. Bucharest, Romania, July 2009, pp. 22–27. DOI: 10.1109/AMUEM.2009.5207608.
- [C1] M. De Cecco, M. Pertile, L. Baglivo, G. Parzianello, M. Lunardelli, **F. Setti**, and A. Selmo. "Multi-stereo compatibility analysis for 3d shape estimation". In: *Proceedings of the IMEKO XIX World Congress*. Lisbon, Portugal, Sept. 2009, pp. 1909–1914.