









- Barrile, V., Bilotta, G., 2014. Self-localization by Laser Scanner and GPS in automated surveys. *Computational Problems in Engineering. Lecture Notes in Electrical Engineering*, Springer, Vol. 307, pp. 293-313.
- Barrile, V., Meduri, G. M., Bilotta, G., 2014a. Experimentations and Integrated Applications Laser Scanner/GPS for Automated Surveys. *Wseas transactions on signal processing*, Vol. 10, pp. 471-480.
- Barrile, V., Meduri, G. M., Bilotta, G., 2014b. Comparison between Two Methods for Monitoring Deformation with Laser Scanner. *Wseas transactions on signal processing*, Vol. 10, pp. 497-503.
- Barrile, V., Critelli, M., Lamari, D., Meduri, G.M., Pucinotti, R., Ricciardi, A., 2015. Applicazione di Sistemi di Scansione 3D e Fotogrammetrici al caso di un Ponte in C.A. In: *Atti 16° Convegno Aipnd Milano 21-23 Ottobre 2015*.
- Barrile, V., Lamari, D., Gelsomino, V., Sensini, P., 2016a. Modellazione 3D tramite Droni per Monitoraggi e Controlli. In: *Atti 61° Convegno Nazionale Sifet, 8-10 Giugno 2016, Lecce*.
- Barrile, V., Bilotta, G., D'Amore, E., Meduri, G.M., Trovato, S., 2016b. Structural Modeling of a Historic Castle Using Close Range Photogrammetry. *International Journal of Mathematics and Computers in Simulation*, Vol. 10, pp. 370-380.
- Barrile, V., Bilotta, G., Meduri, G. M., 2016. Identifying damage on cars through the integrated use of TLS/SfM with thermographic images. *International Journal of Circuits, Systems and Signal Processing*, Vol. 10, pp. 433-439.
- Barrile, V., Bilotta, G., Pozzoli, A., 2017. Comparison between innovative techniques of photogrammetry. In: *The 2016 International Conference Applied Mathematics, Computational Science and Systems Engineering, Roma (Italia), 5-7 november 2016, ITM Web of Conferences*, Vol. 9, pp. 1-7.
- Bhatla, A., Choe, S., Fierro, O., Leite F., 2012. Evaluation of accuracy of as-built 3D modeling from photos taken by handheld digital cameras. *Autom. Construct.* Vol. 28, pp. 116-127.
- Dai, F., Lu, M., 2010. Assessing the accuracy of applying photogrammetry to take geometric measurements on building products. *J. Construct. Eng. Manage.* 136(2), pp. 242-250.
- Dai, F., Dong, S., Kamat, V., Lu, M., 2011. Photogrammetry assisted measurement of interstory drift for rapid post-disaster building damage reconnaissance. *J. Nondestr. Eval.* 30(3), pp. 201-212.
- Dai, F., Rashidi, A., Brilakis, I., Vela, P., 2013. Comparison of image-based and time-of-flight-based technologies for three dimensional reconstruction of infrastructure. *J. Construct. Eng. Manage.* 139(1), pp. 69-79.
- Dai, F., Feng, Y., Hough, R., 2014. Photogrammetric error sources and impacts on modeling and surveying in construction engineering applications. *Visual. Eng.* 2(1).
- Golparvar-Fard, M., Bohn, J., Teizer, J., Savarese, S., Peña-Mora, F., 2011. Evaluation of image-based modeling and laser scanning accuracy for emerging automated performance monitoring techniques. *Autom. Construct.* 20(8), pp. 1143-1155.
- Klein, L., Li, N., Becerik-Gerber, B., 2012. Image-based verification of as-built documentation of operational buildings. *Autom. Construct.*, Vol. 21, pp 161-171.
- Koch, C., German Paal, S., Rashidi, A., Konig, M., Brilakis, I., 2014. Achievements and challenges in machine vision-based inspection of large concrete structures. *Advan. Struct. Eng.*, 17(3), pp. 303-318.
- Luhmann, T., Tecklenburg, W., 2001. Hybrid photogrammetric and geodetic surveillance of historical buildings for an urban tunnel construction. *International Workshop on Recreating the Past Visualization and Animation of Cultural Heritage*.
- Malhotra, V.M., Carino, N.J., 1991. *CRC Handbook on Nondestructive Testing of Concrete*, CRC Press.
- McCoy, A., Golparvar-Fard, M., Rigby, E., 2014. Reducing barriers to remote project planning: comparison of low-tech site capture approaches and image-based 3D reconstruction. *J. Architect. Eng.* 20(1).
- Nahangi, M., Haas, C.T., 2014. Automated 3D compliance checking in pipe spool fabrication. *Adv. Eng. Inform.* 28(4), pp-360-69.
- Zhu, Z., Brilakis, I., 2009. Comparison of optical sensor-based spatial data collection techniques for civil infrastructure modelling. *J. Comput. Civil Eng.*, 23(3), pp. 170-177.