

A NICE STORY IN MY LIFE

This is a nice story regarding the topic “Illumination Correction in Microscopy”, that started precisely in 2009 when I was 24 years old, with my master thesis:

“F. Piccinini, A. Bevilacqua, M. Ursino, E. Lucarelli, Algorithm for building mosaics of partially overlapping images regarding adherent live stem cells, 14th October 2009, Biomedical Engineering, University of Bologna”,

After two years, it brought me to a contribution in a conference:

“A. Bevilacqua, F. Piccinini, A. Gherardi, Vignetting correction by exploiting an optical microscopy image sequence. In Proceedings of the 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBS), Boston, USA, August 30 – September 3, 2011, pp. 6166—6169”,

Then to an article in *Journal of Microscopy*:

“F. Piccinini, E. Lucarelli, A. Gherardi and A. Bevilacqua, Multi-image based method to correct vignetting effect in light microscopy images. *Journal of Microscopy*, 248(1):6-22, October 2012. DOI: 10.1111/j.1365-2818.2012.03645.x”,

In 2013 it led to a second conference contribution:

“F. Piccinini, A. Bevilacqua, K. Smith, P. Horvath, Vignetting and photo-bleaching correction in automated fluorescence microscopy from an array of overlapping images. In Proceedings of the 10th IEEE International Symposium on Biomedical Imaging (ISBI), San Francisco, CA, USA, April 7-11, 2013, pp. 464 – 467”

And finally:

“K. Smith, Y. Li, F. Piccinini, G. Csucs, C. Balazs, A. Bevilacqua and P. Horvath, CIDRE: An illumination correction method for optical microscopy. *Nature Methods*, 12(5):404-406, May 2015. DOI: 10.1038/nmeth.3323”!

“Life is strange, but... it is always beautiful! Remember, smile! ;o)”

March 16, 2015, Bologna
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