

Welcome to our new collaborator, Luigi Bozzo !

Contributed by Yannick KREMPP
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This CIF platform is happy to welcome a new collaborator, Luigi Bozzo.

Here's a short bio about him:

Luigi Bozzo has a solid theoretical and practical knowledge in light microscopy accumulated over 10 years of experience. He started his career doing a PhD in neuroscience at UNIL on the functional interplay between neurons and glial cells. To gain access to spatial and temporal aspects of these dynamic interactions, he used optical microscopy, associated with specific fluorescent indicators on living tissues.

Then he entered the world of core microscopy facilities as an ad interim technical manager at the CIF before being hired as microscopist at the Bioimaging and Optics Platform (BIOP), EPFL. He was dealing with all aspects of modern light microscopy in particular in the field of life sciences and was involved in all aspects of the core microscopy facility. He was exposed to different microscopy techniques like wide-field imaging, confocal imaging up to super resolution methods. In particular, he gained expertise in advanced techniques such as fluorescence life-time imaging microscopy (FLIM), Fluorescence Resonance Energy Transfer (FRET), Fluorescence recovery after photobleaching (FRAP), spectral unmixing, and intelligent image acquisition (fully automated acquisition workflow).

As technical manager/microscopist, he came in contact with scientists from very diverse backgrounds, from physics to medicine. He helped them by supporting their scientific projects; advising them on experimental designs; discussing staining strategies; choosing the appropriate microscope; providing assistance to obtain the optimal image acquisition

and analysing the output. He successfully trained more than 400 users to the usage of microscopy systems.

Luigi Bozzo started on Dec. 1st 2018 as technical manager of the CIF AGORA/BUGNON facility branch. He will assist on the trainings on the Bugnon Campus as well as taking care of the new Agora CIF facility. He will also participate in every other activities of the CIF platform in general.

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