COFFEE WITH ICFO ALUMNI: Giovanni Volpe and Carlo Manzo

GIOVANNI VOLPE AND CARLO MANZO

February 23, 2023
17:00 to 18:00
ICFO Cafe de la Llum - Sofas area

Come and meet ICFO Alumni Giovanni Volpe and Carlo Manzo over coffee! Giovanni and Carlo are both professors and co-founders of IFLAI AB, a startup company focused on developing AI software for microscopy.?
This week they are hosting a course at ICFO on ?Machine Learning for Microscopy'. W encourage you to take advantage of the chance to meet them informally in person to as them questions about their careers in academia, and their experience in the start-up world Don't miss this gatherin

Prof. Giovanni Volpe

Giovanni Volpe is a Full Professor at the Physics Department of the University of Gothenburg University, where he leads the Soft Matter Lab (http://softmatterlab.org) - and an ICFO alumnus. His research interests include soft matter, optical trapping and manipulation, statistical mechanics, brain connectivity, and machine learning. He has authored more than 100 articles and reviews on soft matter, statistical physics, optics, physics of complex systems, brain network analysis, and machine learning. He co-authored the books "Optical Tweezers: Principles and Applications" (Cambridge University Press, 2015) and i¿½Simulati n of Complex Systemsi¿½ (IOP Press, 2021). He has developed several software packages for optical tweezers (OTS - Optical Tweezers Software), brain connectivity (BRAPH-Brain Anal sis Using Graph Theory), and microscopy enhanced by deep learning (DeepTra

Prof. Carlo Manzo

Carlo Manzo is an Associate Professor at the Universitat de Vic (UVic-UCC), where he leads the Quantitative BioImaging lab (https://mon.uvic.cat/qubilab/). His research aims at providing a quantitative view of biophysical processes through the combination of single-molecule microscopy, machine learning, and statistical mechanics. He authored more than 50 articles in optics, biophysics, machine learning, and cell biology. He is the organizer of the Anomalous Diffusion challenge (AnDi, www.andi-challenge.org).

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