BIO LECTURE: Advanced Optical Microscopy for Biology

MARIA GARCIA-PARAJO

February 25, 2022 to March 18, 2022

14:00 to 18:00

BLR

BioLectures run on a bi-annual basis and they are designed to introduce PhD students to fundamental topics in cell and molecular biology and biostatistics.

DAYS: 25 February, 4 March and 18 March.

At BLR from 14:00-18:00h

Biography:

Dr. Maria Garcia-Parajo received her PhD in Physical Electronics in 1993 at Imperial College, London, UK. After a postdoc at the L2M-CNRS, Bagneux, France she moved in 1996 to the Applied Optics group of the University of Twente, the Netherlands. In 2005 she moved to Barcelona as ICREA Research Professor, first hosted at the IBEC - Institute for Bioengineering of Catalonia and since July 2011 at ICFO, leading the Single Molecule Biophotonics group. Her research focuses on the development of advanced optical techniques to the study of biological processes at the single molecular level on living cells. She has co-authored more than 100 publications in peer-reviewed international Journals and delivered more than 130 talks at international conferences and workshops upon invitation. She coordinates several international research projects and is a member of the executive board of the Spanish Biophysical and the International Fluorescence Societies. She has been teaching several specialized courses in fluorescence microscopy and single molecule detection in the Netherlands, Portugal, France, Germany, UK and Spain. More information can be found at: https://www.icfo.es/research/group_details.php?id=34

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