



New ICFOnians

Twenty new ICFOnians joined the different ICFO research groups, units and facilities during the month of October. Welcome aboard!

November 11, 2019

Six postdoctoral researchers, four PhD students, three visiting PhD students, one research engineer, one engineer technician and five students have joined ICFO during the month of October.

Vito Giovanni Lucivero holds a 2016 PhD in Photonics from ICFO, and is now coming back to join the Atomic Quantum Optics research group led by ICREA prof. at ICFO Morgan Mitchell as a postdoctoral researcher. His main tasks will involve working on quantum optical aspects of magnetic sensing and integrated sensors.

Christoffer Moller, who holds a 2018 PhD in Quantum Physics from the University of Copenhagen, is coming to ICFO as a postdoctoral researcher at the Quantum NanoMechanics research group led by ICFO professor Adrian Bachtold. At ICFO, he will be working on nanotube electromechanical resonators in dilution fridge.

Ramon Ramos holds a 2019 PhD in Physics from the University Of Toronto, Canada, and is now joining the Ultracold Quantum Gases research group led by ICFO prof. Leticia Tarruell as a postdoctoral researcher. His main tasks will involve working on artificial gauge fields and beyond-mean field physics in potassium Bose-Einstein condensates.

Vasily Makhlov, who obtained a 2015 PhD in Physics and Mathematics at the Institute of Laser Physics, Russia, is coming to ICFO to join the Ultracold Quantum Gases research group led by ICFO Prof. Leticia Tarruell as a postdoctoral researcher. His position will allow him to work on a new experimental apparatus for many-body physics with ordered arrays of ultracold strontium atoms.

Fadil Iyikanat, who obtained a 2019 PhD from the Izmir Institute of Technology, Turkey, is coming to ICFO to join the Nanophotonics Theory research group led by ICREA Prof. at ICFO Javier Garcia de Abajo as a postdoctoral researcher. His position will allow him to work on first principle simulations of the optical response of 2D and molecular materials for nanophotonics.

Shahaf Asban, who holds a 2017 PhD from the Technion Israel Institute of Technology, is coming to ICFO as a postdoctoral researcher at the Nanophotonics Theory research group led by ICREA professor at ICFO Javier Garcia de Abajo. At ICFO, he will be working on Theory for nanophotonics with electronic systems and analog computing.

Daniel Goncalves, who holds a 2019 MSc in Photonics from the UPC, is coming to ICFO as a PhD student at the Theoretical Quantum-Nano Photonics research group led by ICREA professor at ICFO Darrick Chang. At ICFO, he will be working on predicting and understanding novel quantum optical phenomena in ordered arrays of atoms and in two-dimensional materials (TMD's) that support tightly confined excitons.

Joana Fraxanet, who holds a 2019 MSc in Theoretical Physics from Leiden University, is coming to ICFO as a PhD student at the Quantum Optics Theory research group led by ICREA professor at ICFO Maciej Lewenstein. At ICFO, she will be working on applications of machine learning to physical problems.

Lorenzo Orsini holds a 2019 MSc in Physics of Matter from the University of Pisa, and is now joining the Quantum Nano-Optoelectronics research group led by ICREA prof. at ICFO Frank Koppens as a PhD student. His main tasks will involve polariton superlattices and topological polaritons.

Stephy Vincent holds a 2017 MSc in Physics from Sacred Heart Autonomous College,

Thevara, India, and is now joining the Functional Optoelectronic Nanomaterials research group led by ICREA prof. at ICFO Gerasimos Konstantatos as a PhD student. Her main tasks will involve the development of optoelectronic devices based on CQDs and/or 2D materials.

Joana Alves, who obtained a 2015 MSc in Physics Engineering at the New University of Lisbon, Portugal, is coming to ICFO to join the Attoscience and Ultrafast Optics research group led by ICREA Prof. at ICFO Jens Biegert as a visiting PhD student. Her position will allow her to work on mid-IR generation and diagnostics.

Miskeen Khan, who holds a 2015 MSc in Electronics from the Quaid-i-Azam University (QAU), Pakistan, is coming to ICFO as a visiting PhD student at the Quantum Optics Theory research group led by ICREA professor at ICFO Maciej Lewenstein.

Tamas Krivachy, who obtained a 2017 MSc from ETH Zurich, is coming to ICFO to join the Quantum Information Theory research group led by ICREA Prof. at ICFO Antonio Acin as a visiting PhD student. His position will allow him to work on a collaboration on the application of machine learning techniques to quantum information.

Daniel Tiemann holds a 2005 Msc in Physics from the University of Bonn, Germany, and is now joining the Optoelectronics research group led by ICREA prof. at ICFO Valerio Pruneri as a research engineer. His main tasks will involve quantum random number generation and imaging.

Javier Arres is coming to ICFO as an Engineer Technician at the Optoelectronics research group led by ICREA professor at ICFO Valerio Pruneri.

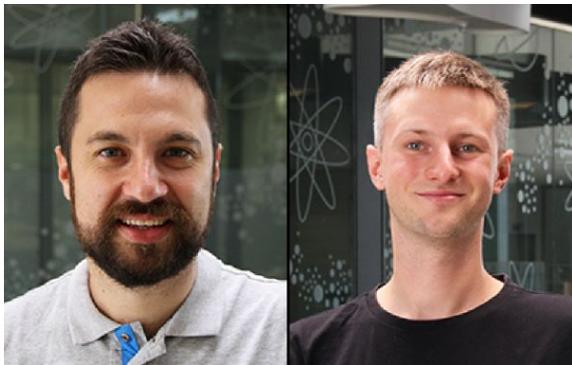
Veronika Parfentyeva, who is pursuing the MSc in Multidisciplinary Research in Experimental Sciences at the Universitat Pompeu Fabra, is coming to ICFO as a student at the Medical Optics research group led by ICREA professor at ICFO Turgut Durduran. At ICFO, she will be working on neuromonitoring.

Guillem Guigo, who is working towards the MSc in Multidisciplinary Research in Experimental Sciences from the UPF, is coming to ICFO as a student at the Quantum Optics Theory research group led by ICREA professor at ICFO Maciej Lewenstein.

Adrian Pinilla, who is working towards a Master of Multidisciplinary Research in Experimental Sciences at the UPF, is coming to ICFO as a student at the Organic Nanostructured Photovoltaics research group led by ICFO professor Jordi Martorell.

Pascal Wintermeyer, who is working towards an MSc in Physics at the Leopold-Franzens Universitat in Innsbruck, is coming to ICFO as a student at the Plasmon Nano-Optics research group led by ICREA professor at ICFO Romain Quidant. At ICFO he will be working on stabilization of phase noise with optical cavity.

Alexander Demuth, who is pursuing an MSc in Physics at the RWTH Aachen University, Germany, is coming to ICFO as a student at the Optoelectronics research group led by ICREA professor at ICFO Valerio Pruneri. At ICFO, he will be working on quantum imaging for sensing.



Dr Vito Giovanni Lucivero and Dr Christoffer Moller



Dr Ramon Ramos and Dr Vasiliy Makhalov



Dr Fadil Iyikanat and Dr Shahaf Asban



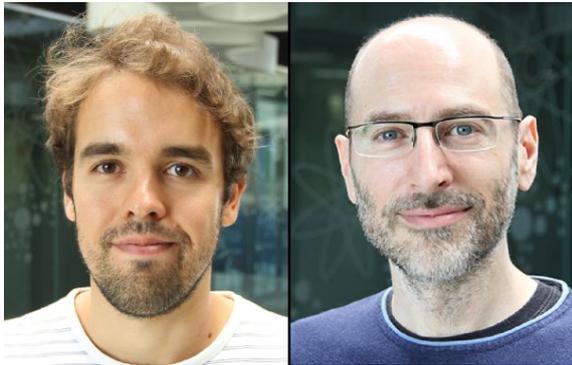
Mr Daniel Goncalves and Ms Joana Fraxanet



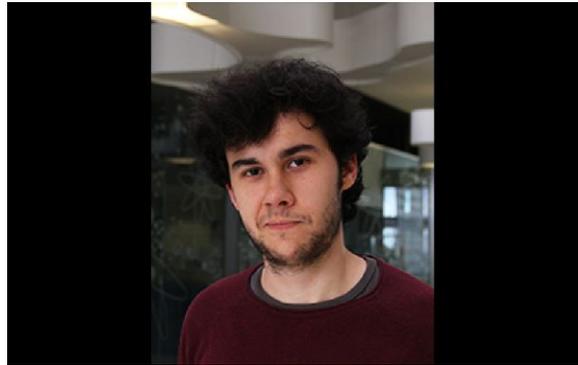
Lorenzo Orsini and Stephy Vincent



Ms Joana Alves and Mr Miskeen Khan



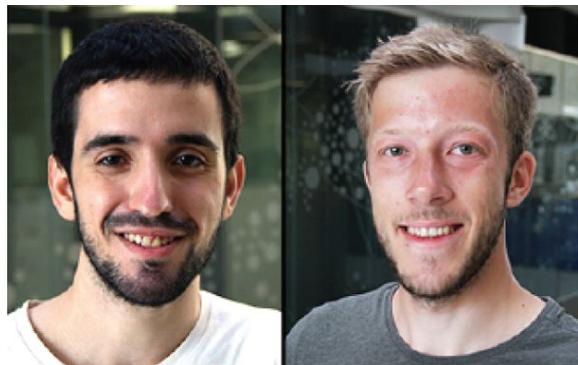
Mr Tamas Krivachy and Daniel Tiemann



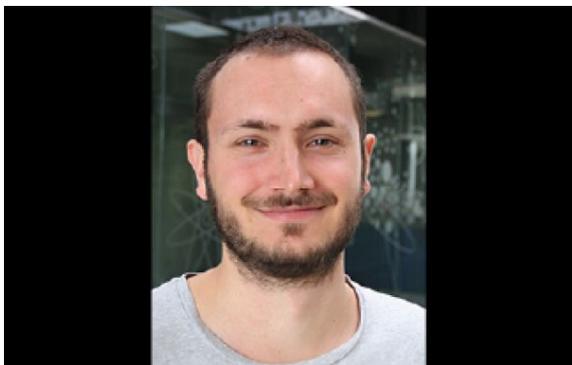
Mr Javier Arres



Ms Veronika Parfentyeva and Mr Guillem Guigo



Mr Adrian Pinilla and Mr Pascal Wintermeyer



Mr Alexander Demuth