AKjDPG 6: Careers in Physics: inside Academia

After your Phd, there are several ways to continue your academic career. We would like to introduce you to career opportunities as a researcher in Europe. The event will take the form of a discussion panel, and invited speakers from early Post-docs to senior researchers will share their experience. Young physicists – master students, graduate students, and post-docs – will have the chance to engage with different speakers through a questions and answers session.

Organised by: Roberta Caruso (EPS Young Minds), Ulrike Ritzmann (EPS Young Minds), Araceli Venegas-Gomez (EPS Young Minds)

Time: Thursday 9:30–11:00 Location: E 020

AKjDPG 6.1 Thu 9:30 E 020

Career in Academia — •Aline Dinkelaker[1], Jean-Jaques Greffet[2], Antigone Marino[3], Fatema Tanjia[4], and Andy Thomas[5] — [1]Institut für Physik, Humboldt-Universität zu Berlin, Germany — [2]Institut d'Optique Graduate School, Palaiseau, France — [3]Institute of Applied Sciences and Intelligent Systems, Physics Department, University of Naples Federico II, Italy — [4]Centre National de la Recherche Scientifique (CNRS), Institut de Physique et Chimie des Matériaux de Strasbourg (IPCMS), France — [5]Leibniz Institut for Solid State and Materials Research, Dresden, Germany

Fatema Tanjia

Fatema Tanjia is from Dhaka, Bangladesh. After completion of Master degree from Bangladesh, she moved to Naples, Italy in 2010 to do her PhD in Università di Napoli "Federico II". After PhD, she continued to work there as a postdoctoral researcher until April 2016. During PhD and first postdoc, she worked on the development of the theory of plasma based acceleration mechanisms. After that she moved to Strasbourg, France with a Marie Skłodowska-Curie (MSC) Individual Fellowship funded by European Commission. Currently she is working there in quantum mechanical phenomena of different nano particles and their optical properties. She was one of the first women from her country to receive the MSC Individual fellowship. From the perspective of being a foreign student in Europe, she would like to share her personal experience in building career in Physics as a young researcher.

Aline Dinkelaker

Aline Dinkelaker is a postdoctoral researcher in the Quantum Sensors and Ultracold Atoms team within the Optical Metrology group at Humboldt-Universität zu Berlin. Aline studied Physics at the Technische Universität Berlin and graduated in 2010 after writing her thesis on solar flares at the University of Glasgow, Scotland. In 2013, she received her PhD from the University of Strathclyde on the topic of magnetic ring traps for cold atoms. Her current research at Humboldt-Universität zu Berlin is supported by the German Aerospace Agency (DLR) and focuses on laser systems for atomic physics experiments on microgravity platforms and in space: at the ZARM drop tower, on research rockets, and for small satellites. She is involved on different levels, from project management and payload design over laser integration, system assembly and testing to experimental control (e.g.KALEXUS during the TEXUS-53 research rocket flight).

Antigone Marino

Antigone Marino is researcher at the Institute of Applied Sciences and Intelligent Systems (ISASI) of the Italian National Research Council (CNR). She received her master in Physics in 2000, and the research doctorate in New Technologies in 2004, both at the Physical Science Department of Federico II University of Naples, in Italy. Her research activities have been concentrated on the study of soft matter optics applied to telecommunication, with a special interest in liquid crystals technologies. She received several awards and recognitions. In 2015 she won the Outstanding Young Professionals Award of the Optical Society (OSA). In 2016 she has been awarded OSA Ambassador. In 2017 she won the Achievement Award by the European Physical Society.

Andy Thomas

Andy Thomas studied physics at Bielefeld University. After a two year fellowship at the Massachusetts Institute of Technology he returned to Bielefeld to work as a senior researcher. In October 2009, he received an independent researcher grant from the NRW state government and he worked as a visiting professor at Mainz, Osnabrück and Hamburg universities. Since July 2015 he leads the Quantum Materials and Devices Group at the Leibniz Institute for Solid State and Materials Research in Dresden. The scientific focus of his group is layered materials, topological insulators, correlated oxides and their use in suitable devices.

Jean-Jacques Greffet

Jean-Jacques Greffet obtained a PhD from university Paris-Sud Orsay in 1988 in solid state physics and the Habilitation in 1992. He was a professor at Ecole Centrale Paris. He is currently professor at Institut d'Optique, and a senior member of Institut Universitaire de France. His current research interests include nanophotonics (nanoantennas, quantum plasmonics) and the design of smart IR incandescent sources. Jean-Jacques Greffet is the head of the Doctoral School Waves and Matter at Université Paris-Saclay.