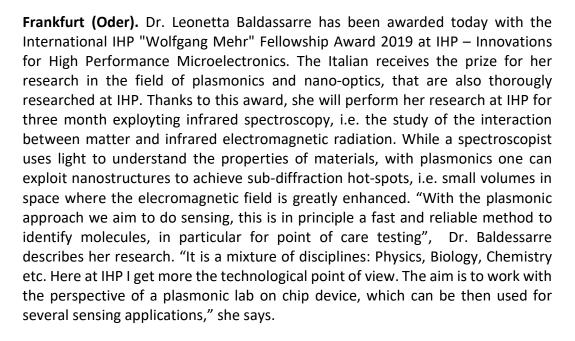
Press Release

06.12.2019

Chances of Plasmonics

Dr. Leonetta Baldassarre receives International IHP "Wolfgang Mehr" Fellowship Award 2019



Dr. Baldassarre researches at the department of physics at the Sapienza University of Rome in Italy, where she develops and applies near-field spectroscopy with quantum cascade lasers and atomic-force microscope tips. Her research topics, especially within the GEMINI EU project, recently ended, include antenna-enhanced mid-infrared spectroscopy and few-molecule infrared spectroscopy. Furthermore, she is member of the Italian Society of Optics and Photonics (SIOF), which is part of the European Optical Society, a non-profit organisation to bring together and encourage the cooperation of all with an interest in optics, optoelectronics and related scientific fields, to make practical use of research results, and to support the industrial exploitation of optics.

The International IHP "Wolfgang Mehr" Fellowship Award has been presented since 2016 and is dedicated to the former scientific director of IHP Prof. Wolfgang Mehr, who passed away in 2015. Prof. Mehr was head of the institute from 2002 to 2014 with a sustainable strategy and led it to an internationally recognized, excellent research institution. Indeed his solution-oriented determination is one of the important criteria in selecting the award winners. Last year, Prof. Davide Bertozzi from University of Ferrara received the prize for his research in the field of electrooptical interconnect technologies. In 2017, Prof. Niels Pohl from Ruhr University Bochum was honoured for his research in the field of millimeter wave



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radar and ultra-high frequency sensors. The first award winner in 2016 was Dr. Fabio Coccetti for his scientific work in the field of 2D materials.





Further Information:

Sapienza University of Rome: https://www.uniroma1.it/en

SIOF: http://www.siof-ottica.it/

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IHP is an institute of the Leibniz Association and conducts research and development of silicon-based systems and ultrahigh frequency circuits and technologies including new materials. It develops innovative solutions for application areas such as wireless and broadband communication, security, medical technology, industry 4.0, automotive industry, and aerospace. IHP employs approximately 300 people. It operates a pilot line for technological developments and the preparation of high-speed circuits with 0.13/0.25 μm BiCMOS technologies, located in a 1000 m^2 class 1 clean-room.

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