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2023 Journal of Applied Physics Early Career Investigator Selection?s Best Paper Award

ICFO Prof. Georgia Papadakis is a recipient of the 2023 prize

September 26, 2024

The Journal of Applied Physics (JAP) has announced the winners of the 2023 **Journal of Applied Physics Early Career Investigator Selection's Best Paper award**, including Prof. Georgia T. Papadakis, leader of the Thermal Photonics group at ICFO, who is recognized for the paper i¿½Dynamic modulation of thermal emission - a tutorial,i¿½ coauthored with gro p members Michela F. Picard and Kartika N. Nimje

Highlighting the exceptional work of early career principal investigators who received their PhDs less than 10 years ago, the JAP Early Career Investigator Selection is an annual featured collection covering all areas of applied physics research. This year's collection consists of 45 papers, which a Selection Committee consisting of journal editors and Editorial Advisory Board members whittled down from 119 eligible entries.

The three winners will have their papers highlighted in this year's virtual collection. They will also be invited to join the JAP Editorial Advisory Board, and to serve on the Selection Committee for next year's Early Career Investigator Selection and Best Paper award.

2023 Winners:

Georgia T. Papadakis (ICFO): i¿½Dynamic modulation of thermal emission - a tutorial,i¿ ? March 15, 2023 issue of JAP.

Ahmedullah Aziz (University of Tennessee, Knoxville): i¿½A review of cryogenic neuromorphic hardware,i¿½ February 15, 2023 issue of JAP.

Tingting Shen(Qorvo, Inc): i¿½A Magnetoelectric Memory Device Based on Pseudo-Magnetization,i¿½ July 18, 2023 issue of JAP.

i¿½We are delighted to be recognizing these outstanding bright young minds as winners of the Journal of Applied Physics 2023 Early Career Investigator Selection Best Papers,i¿½ sa d JAP Editor-in-Chief Prof. Julia R. Greer. i¿½heir fields range from thermal photonics to superconductors for brain-inspired electronic applications to beyond - including complementary metal-oxide-semiconductor (CMOS) devices, such as tunneling field effect

transistors and magneto-electric devices. This showcases the breadth and the depth of research areas supported by our journal, as well as of the overall field of Applied Physics.i¿½ i¿½Being honored and recognized by colleagues in academia is one of the highest honors for a scientist, and we are beyond proud of these trailblazers and of their accomplishments,i¿ ? she added.

Congratulations Georgia!