PHOTONICS INITIATIVE





ANDREA CAVALLERI

University of Oxford

New Physics in Driven Quantum Materials

Friday, January 20, 2023 10:00am - 11:00am ASRC Auditorium



YONATAN SIVAN

Ben-Gurion University

"Hot" carriers in metal nanostructures when they matter, and when they do not...

Friday February 3, 2023 10:00am - 11:00am **ASRC Auditorium**



ALBERT POLMAN

AMOLF

Optical metasurface performing mathematical operations and making better solar cells

Thursday, February 9, 2023 10:00am - 11:00am ASRC Auditorium



QIUSHI GUO CUNY-ASRC

Lithium niobate integrated nonlinear photonics: new devices and systems on an old material

Friday March 3, 2023 10:00am - 11:00am 5th Floor Data Viz Room



CRISTIANO MATRICARDI

Nature Communications

Monday March 20, 2023

9:30am -11:00am: Inside Nature Communications

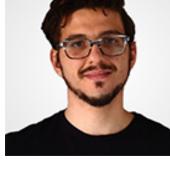
Tuesday March 21, 2023

10:00am -11:00am: Publishing careers: challenges and responsibilities of a scientific editor

11:00am -12:00pm: The future of peer-review going through recent innovations

2:00pm - 5:00pm: Workshop: Think like an Editor

ASRC Auditorium



BISWAJIT DATTA

CUNY-CCNY

Highly nonlinear dipolar excitonpolaritons in bilayer MoS2

Friday April 14, 2023 10:00am – 11:00am 5th Floor Data Viz Room



ROHIT CHIKKARADDY

University of Birmingham

Single-molecule mid-infrared vibrational spectroscopy and detection in plasmonic nanogaps

Friday May 12, 2023 10:00am - 11:00am 5th Floor Data Viz Room



YANDONG LI

Cornell University

Topological Directional Coupler Based on a **Designer Domain Wall**

Monday May 15, 2023 12:00pm – 1:00pm 5th Floor Data Viz Room



ALEXANDER SENICHEV

Purdue University

Quantum Photonics with Intrinsic Single-Photon Emitters in Silicon Nitride

Friday May 19, 2023 10:00am - 11:00am 5th Floor Data Viz Room



JUNSUK RHO

Pohang University of Science and Technology (POSTECH), Korea

Perspectives of design, materials, and fabrication for metasurfaces

Friday June 2, 2023 12:00pm -1:00pm **ASRC** Auditorium



