

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 exciton-polaritons 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

