

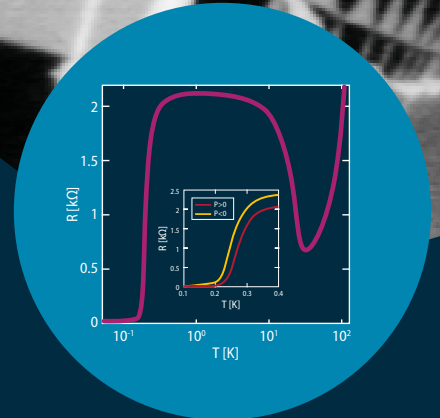
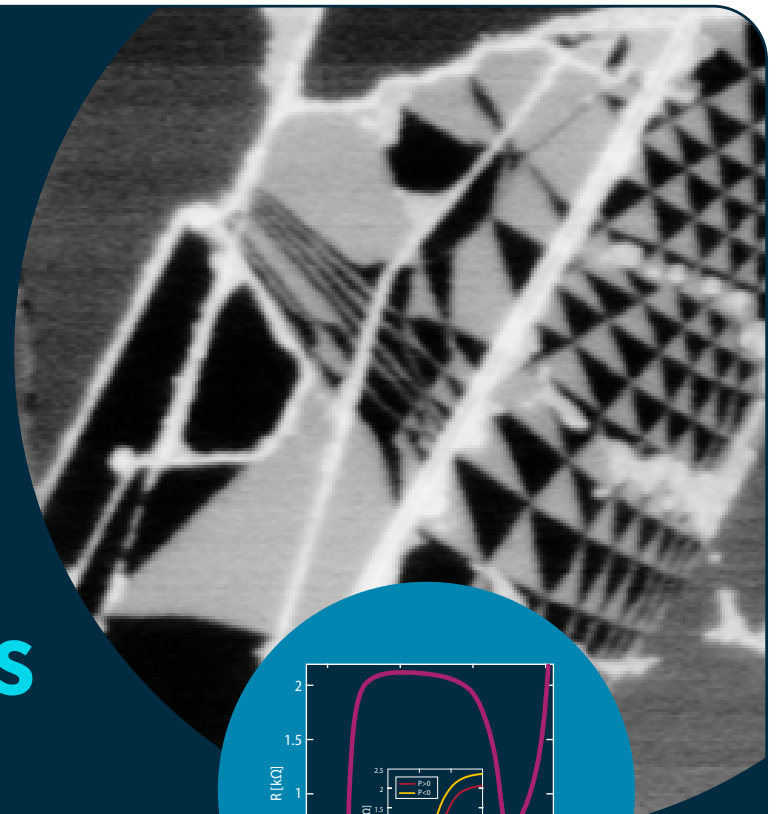


The Raymond and
Beverly Sackler Faculty
of Exact Sciences
Tel Aviv University

The Sackler Physics Symposium 2020

Emergent Phenomena and Functionality in Metamaterials and Heterostructures

Tuesday, November 23, 2021 | Via Zoom



PRIZE RECIPIENTS



Dr. Yuan Cao
Society of Fellows,
Harvard University, USA



Prof. Ronny Thomale
Institute for Theoretical Physics and
Astronomy, Julius-Maximilians-
Universität Würzburg, Germany



Prof. Yiwen Chu
Department of Physics,
ETH Zürich, Switzerland

PROGRAM

13:00 Opening: **Prof. Dan Peer**, Vice President for Research and Development, Tel Aviv University

13:10 *Shaken, not strained: How to control electronic phases with lattice vibrations*
Dr. Dominik Juraschek, School of Physics and Astronomy, Tel Aviv university

13:35 *Interfacial ferroelectricity by vdW sliding*
Maayan Vizner Stern, School of Physics and Astronomy, Tel Aviv university

13:55 *Instanton-induced inelastic scattering of single-photon in a superconducting circuit*
Amir Burshtein, School of Physics and Astronomy, Tel Aviv university

14:15 *Ferroelectric Exchange Bias Affects Interfacial Electronic States*
Gal Tuvia, School of Physics and Astronomy, Tel Aviv university

14:35 CEREMONY

15:50 Break

15:00 *Magic-angle graphene: Superconductivity from Carbon*
Dr. Yuan Cao, Society of Fellows, Harvard University, USA

15:30 *Creating and measuring quantum states of sound*
Prof. Yiwen Chu, Department of Physics, ETH Zürich, Switzerland

16:00 *The Electrification of Topological Matter*
Prof. Ronny Thomale, Institute for Theoretical Physics and Astronomy, Julius-Maximilians-Universität Würzburg, Germany

COORDINATORS:

Prof. Yoram Dagan & Prof. Roni Ilan, Tel Aviv University

PLEASE CONFIRM PARTICIPATION:

<https://forms.gle/aHnzNsEe5dsXHPEo7>

