



2023 Virtual School on Many-Body Calculations
using **EPW** and **BerkeleyGW**

5-9 June 2023



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Binghamton University SUNY



Zhenglu Li
University of Southern California

Organizers



Anney Liddell
University of Texas at Austin



Samuel Poncé
Université catholique de Louvain



Emmanouil Kioupakis
University of Michigan, Ann Arbor



Steven G. Louie
University of California at Berkeley,



Feliciano Giustino
University of Texas at Austin



Roxana Margine
Binghamton University



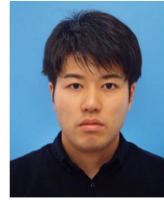
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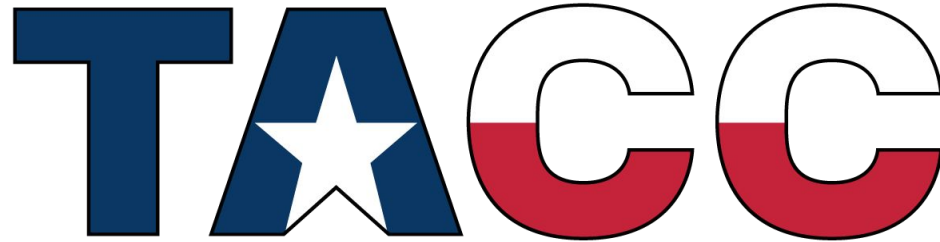
Amanda Wang
University of Michigan at Ann Arbor



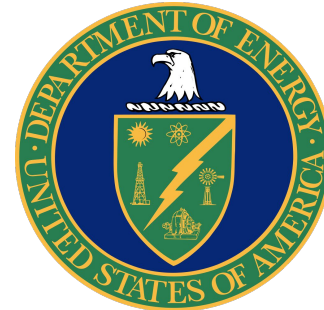
Christopher Renskers
Binghamton University

Instructors and TAs

Support



TEXAS ADVANCED COMPUTING CENTER



Heroes of day #5



Poster Awards

Poster Awards

3 prizes, \$300 each





Galit Cohen

Weizmann Institute of Science

*Phonon-driven femtosecond
dynamics of excitons in
crystalline pentacene from first
principles*



Changpeng Lin

EPFL Lausanne

*Pheasy: a calculator for
high-order anharmonicity and
phonon quasiparticles*



Ziyan Zhu

Stanford University

*A first-principles based
multi-scale model for moiré
phonons*

Thank you all