



ENCOMM Seminar Series

Materials Research Seed Grant Program - Award Showcase

Presented by the Center for Emergent Materials (CEM), an NSF MRSEC, the Center for Exploration of Novel COMplex Materials (ENCOMM), and Institute for Materials Research (IMR):

EXPLORATORY MATERIALS RESEARCH GRANT SHOWCASE

Five Exploratory Materials Research Grants (EMRGs) were awarded in March of 2021 after a pause to the 2020 OSU Materials Research Seed Grants Program (MRS GP), due to the pandemic. We invite you to join this special showcase of current EMRGs, to:

- Learn how these projects/groups are enabling nascent and innovative materials research to emerge to the point of being competitive for external funding
- See examples of what the MRS GP looks for in EMRG project proposals

SERIES SCHEDULE

- Wednesdays, September 29 – October 27
- 4:30pm – 5:30pm
- Hybrid Format: In-person and Virtual attendance options
 - **In-person: Physics Research Building, Room 4138** (refreshments provided)
 - Virtual: <https://osu.zoom.us/j/95970868539?pwd=cDNIQTY5UU5WRmg0UFhzYmVSMCtBQT09>
Password: 192953

Wednesday, September 29 (in-person) | Sasha Landsman, Dept. of Physics

Title: “Driving electrons with high intensity ultrashort laser pulses”

Wednesday, October 6 (in-person) | Jinghua Li, Dept. of Materials Science and Engr.

Title: “Nanomaterials and Nanoelectronics Enabled Biosensing for Advanced Healthcare”

Wednesday, October 13 (in-person) | Alok Sutradhar, Dept. of Mech. and Aero. Engr.

Title: “Multiphysics Topology Optimization of Electromagnetic Structures”

Wednesday, October 20 (in-person) | Shiyu Zhang, Dept. of Chemistry and Biochemistry

Title: “Sustainable Organic Electrode Materials”

Wednesday, October 27 (virtual) | Xiaoxue Wang, Dept. of Chem. and Biomolecular Engr.

Title: “A Synergistic Approach to Soft Materials, Advanced Electronics and AI”