

# Birck Seminar Series

## Sponsored by Kepler Computing

Please join us at Birck to hear the latest in nanoscience and nanotechnology research, given by our Purdue colleagues as well as worldwide leaders in the field.



**WHEN:** Wednesdays 2:00 – 3:00 pm  
(unless otherwise noted)  
**Come for coffee and snacks before seminar**

**WHERE:** BRK 1001 conference room  
Birck Nanotechnology Center,  
1205 Mitch Daniels Blvd.  
(also on MS Teams)

### Fall 2025 schedule

Sept. 3	<b>Saeed Mohammadi</b> , ECE, “ Shaping Beams, Shaping Futures: Phase-Controlled Phased Arrays for Communication and Radar”
Sept. 10	<b>Anter El-Azab</b> , Materials Eng., “Computational Modeling of Pulsed Laser Deposition Growth of Multiphase Thin Films” / <a href="#">Link to recording</a>
Sept. 17	<b>Nora Miqueleiz-Alonso and Hao Tian Pang</b> , “Report on Summer Undergrad Projects in the Semiconductors@Birck VIP Program”
Sept. 24	<b>Arnab Banerjee</b> , Physics, “New phases of quantum matter explored in triangular lattice magnets” / <a href="#">link to recording</a>
Oct. 15	<b>Gary Cheng</b> , Industrial Eng. / Materials Eng., “ From Light to Lattice: Laser-Enabled Nanomanufacturing Across Scales”
Nov. 19	<b>Pramey Upadhyaya</b> , ECE, “ Harnessing Spin Relaxation in Multipolar Magnets and 2D Quantum Defects: Towards Sub-THz Spintronics”
Dec. 3	<b>Michalis Charilaou</b> , Physics / Univ. Louisiana at Lafayette
TUES, Dec. 9	<b>Wenzhuo Wu</b> , Industrial Eng.