

Purdue University School of Materials Engineering
**7th Annual Soft Materials
Summer Research Symposium**

Summer 2019 • Tuesdays • 11:00 AM • ARMS 1028

- June 11** Real-time Visualization of Failure Behaviors of Single High-performance Fibers
Jinling Gao
- Thermal & Mechanical Performance of Polymer-Metallic Thermal Interface Materials
Hyungyung Jo
-
- June 18** Direct Printing Conductive Layers onto CFRP Substrate by Cold Spray Methodology
Jung-Ting Tsai
- Improving Blast Resistance of Sandwich Panels Using Cohesive Zone Reinforcement
Shane Paulson
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- June 25** Rheometry of a Liquefied Biomass Slurry
Ryan Szeto
- Anisotropic Hydrogels by Magnetically Oriented Nanoclay Suspensions
Sung Ho Yook
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- July 2** *NO Meeting – Happy 4th of July Week!*
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- July 9** Thin Film Adhesion Measurement via Buckling Instabilities
Hyeyoung Son
- Cellulose Nanocrystals as an Additive for Cement
Anthony Paul Becerril
-
- July 16** Optimizing Rheology of Aqueous Boron Carbide Injection Molding Suspensions
Tess Marconie
-
- July 23** Investigation of Controlled Salt Crystallization in Hydrogel Networks
Jessica Sargent
- Crystallization of Polyvinylidene Fluoride into its Polar Phase
Mayank Jain
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- July 30** Polymer Thin Film Dewetting for Precisely Controlled Patterning
Allison Chau
- Development of Roll-to-Roll Sensors for Organophosphorus Pesticide Detection
Anna Maria Ulloa
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