

FALL 2023 SEMINAR SERIES

2:00-3:20 PM - MDEA

MSE Incoming Grad Students Intros

SEP. 28

Host: Assistant Professor Stacy Copp

(MDEA)



WEI WU

OCT. 5

Associate Professor, Department of Electrical and Computer Engineering, at University Southern California

"A Memristor-Based Hybrid Analog-Digital Cerebellum (Small Brain) For Mobile Robotics" (MDEA)



YU-TSUN (JIM) SHAO

OCT. 12

Assistant Professor, Department of Chemical Engineering and Materials Science, at University Southern California

"Imaging of Real-Space Topological Textures and Their Order Parameters" (MDEA)



SARAH TOLBERT

OCT. 19

Professor, Department of Chemistry and Biochemistry, at University of California, Los Angeles

"Using Structural Control to Improve the Performance of Energy Materials—From Nanostructured Batteries to Conducting Polymers" (MDEA)



DARREN LIPOMI

OCT. 26

Professor and Associate Dean for Students, Department of NanoEngineering at University of California, San Diego

"Organic Haptics: Structured Polymers for Two-Way Communication with Biological Systems" (MDEA)



XIZHENG WANG

NOV. 2

Assistant Professor, Department of Mechanical and Aerospace Engineering, at University of California, Irvine

"Electrified Ultrahigh-Temperature Manufacturing of High Entropy Alloys" (MDEA)



KHALID HATTAR

NOV. 9

Associate Professor, Nuclear Engineering and Director, Tennessee Ion Beam Materials Lab, at The University of Tennessee, Knoxville

"Tailoring the Nanoscale Through Ion Beam Modification" (MDEA)

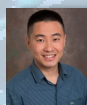


JAVIER E. GARAY

NOV. 16

Professor and Associate Dean for Research, Department of Mechanical and Aerospace Engineering, at University of California, San Diego

"Understanding The Role of Defects for Turning Optical and Thermal Properties of Oxides" (MDEA)



TRAVIS SHIHAO HU

NOV. 30

Associate Professor, Department Applied Mechanical and Materials Science, at California State University, Los Angeles

"Toward Rational Design of Smart Adhesives via Biomimetic Approach" (MDEA)



TAYLOR D. SPARKS

DEC. 7

Associate Professor, Department of Materials Science and Engineering, at The University of Utah

"Materials Informatics: Moving Beyond Screening via Generative Machine Learning Models" (MDEA)