

CHEMICAL ENGINEERING DEPARTMENT
10.991 Student Seminar Series
Fall 2017

All Student Seminars are MIT ONLY events and will be held in 66 - 110 unless otherwise noted.

TBD		
3:00pm	Safety Seminar	Safety Seminar
MONDAY, October 2		
3:00pm	Nian Liu	Understanding Lipid Synthesis through Metabolic Flux Analysis for enhanced biodiesel production
3:30pm	Naveed Ali Bakh	Development and use of Modeling Techniques and Continuous Biomolecule Detection Towards Informing Clinical Decisions
MONDAY, October 16		
3:00pm	Rahul Misra	Insights on the Role of Many-Body Polarization Effects in the Wetting of Graphitic Surfaces by Water
3:30pm	Stephanie Doong	A layered dynamic regulation strategy for improving metabolic pathway productivity in <i>Escherichia coli</i>
MONDAY, October 23		
3:00pm	Michael Lee	Steroid Hormone Sensing Using Corona Phase Molecular Recognition
3:30pm	Justin Swaney	Vascularization of Organoid Models Using Two-Photon Stereolithography
MONDAY, October 30		
3:00 pm	Yamini Krishnan	Selecting an Optimally Charged, Cartilage-Targeting Drug Delivery Carrier for Post-Traumatic Osteoarthritis
3:30pm	German Parada	Tough Hydrogels as Interfaces for Medical Devices
MONDAY, November 13		
3:30 pm	Lisa Volpatti	Acetalated Dextran Nanoparticles for Glucose-Responsive Insulin Delivery