

- SEPT 6**  
4:30PM | **STIMULI-RESPONSIVE MATERIALS FOR CHEMICAL SENSING AND MICROELECTRONICS**  
KATHERINE MIRICA, DARTMOUTH | HOST: REBECCA QUARDOKUS
- SEPT 13**  
4:30PM | **ENGINEERING REDOX CHEMISTRY: FROM NON-INNOCENT LIGANDS TO INTRACELLULAR METAL CHELATORS**  
ELISA TOMAT, UNIVERSITY OF ARIZONA | HOST: CHRISTIAN BRÜCKNER
- SEPT 14**  
4:45PM | **SEPTANOSE GLYCOSIDES: NEW SYNTHETIC STRATEGIES AND INVESTIGATIONS ON THEIR PHYSICAL AND BIOCHEMICAL PROPERTIES**  
ADITYA POTE, PECZUH GROUP, UCONN
- SEPT 20**  
4:30PM | **METASTABLE METAL COMPLEXES SUPPORTED BY GUANIDINATE LIGANDS**  
SKYE FORTIER, UTEP | HOST: GAEL UNG
- SEPT 27**  
4:30PM | **AN INHERENT DRIVING FORCE FOR CHARGE SEPARATION IN ORGANIC PHOTOVOLTAICS**  
QIN WU, BROOKHAVEN NATIONAL LAB | HOST: TOMO MANI
- OCT 4**  
4:30PM | **TAILORING MESOPOROUS CARBONS AND RELATED MATERIALS FOR ENERGY APPLICATIONS**  
SHENG DAI, OAK RIDGE NATIONAL LAB | HOST: JIE HE
- OCT 5**  
4:45PM | **EPITOPE RESOLVED DETECTION OF PEANUT SPECIFIC IGE ANTIBODIES BY SPR IMAGING**  
MIN SHEN, RUSLING GROUP, UCONN
- OCT 11**  
4:30PM | **STEREOELECTRONIC INTERACTIONS AS A PROBE FOR THE EXISTENCE OF ANOMERIC AND RELATED PHENOMENA**  
EUSEBIO JUARISTI, NATIONAL POLYTECHNIC INSTITUTE, MEXICO CITY | HOST: BILL BAILEY
- OCT 12**  
4:45PM | **ENZYME BIOHYDROGEL FOR IMPROVED BIOELECTROCATALYSIS**  
ANANTA GHIMIRE, KUMAR/KASI GROUP, UCONN
- OCT 18**  
4:30PM | **INTRICACIES OF LEAD HALIDE PEROVSKITES**  
PRASHANT KAMAT, UNIVERSITY OF NOTRE DAME | HOST: CHALLA V. KUMAR
- OCT 19**  
9:30AM | **HOW TO MAKE YOUR NEXT PAPER SCIENTIFICALLY EFFECTIVE?**  
PRASHANT KAMAT, UNIVERSITY OF NOTRE DAME | HOST: CHALLA V. KUMAR
- OCT 25**  
4:30PM | **A TALE OF TWO PROJECTS: FROM ANTIMICROBIAL PEPTIDES TO CO<sub>2</sub> REDUCTION**  
ALFREDO ANGELES-BOZA | HOST: JIE HE
- OCT 26**  
4:30PM | **SYNTHESIS AND OPTIMIZATION OF DOPED TITANIA AEROGELS FOR PHOTOCATALYTIC DYE DEGRADATION**  
STEVEN MURPHY, SUIB GROUP, UCONN

**Nov 1**  
4:30PM

**PHOTOACTIVE RHENIUM CARBONYL COMPLEXES AS SENSORS FOR PROTEIN AGGREGATION AND PHOTOCHEMICAL FOOTPRINTING**

ANGEL MARTI, RICE UNIVERSITY | HOST: CHALLA V. KUMAR/ALFREDO ANGELES-BOZA

**Nov 2**  
4:45PM

**UNDERSTANDING THE NUCLEATION INDUCED COOPERATIVE BEHAVIOR IN COMPLEX MACROMOLECULE SYSTEM**

HAILIN FU, LIN GROUP

**Nov 8**  
4:30PM

**TBA**

DANIEL GARCIA RIVERA, UNIVERSIDAD DE LA HAVANA | HOST: JOSE GASCON

**Nov 9**  
4:45PM

**DEVELOPMENT OF INHIBITORS FOR E. COLI ENOLASE, SYNTHESIS AND MOLECULAR DOCKING/SYNTHESIS OF INHIBITORS WITH B-LACTONE MOTIF FOR RAS-TARGETING HUMAN ACYL PROTEIN THIOESTERASES 1 (APT1)**

AKRAM HAZEEN, WRIGHT/HOWELL GROUP, UCONN

**Nov 15**  
4:30PM

**DESIGN AND SYNTHESIS OF ORGANIC SEMICONDUCTORS FOR ADVANCED APPLICATIONS**

MALIKA JEFFRIES-EL, BOSTON UNIVERSITY | HOST: AMY HOWELL

**Nov 16**  
4:45PM

**AN ALLYLIC SUBSTITUENT MODULATES MACROCYCLIC CONFORMATIONS IN [13]-MACRODILACTONES: DIHEDRAL FLUTTER**

KELLI RUTLEDGE, PECZUH GROUP, UCONN

**Nov 29**  
4:30PM

**PSEUDOMONAS AERUGINOSA**

KEITH POOLE, QUEEN'S UNIVERSITY (CANADA) | HOST: ALFREDO ANGELES-BOZA

**Nov 30**  
4:45PM

**A MATERIAL GENOME INITIATIVE TO THE EXPANSION OF CHEMICAL SPACE OF DIELECTRICS WITH METAL-ORGANIC FRAMEWORK SYSTEMS**

SHAMIMA NASREEN, SOTZING GROUP, UCONN

**DEC 6**  
4:30PM

**BIOMOLECULES FOR NON-BIOLOGICAL THINGS: CONTRCUTION OF MATERIALS WITH PEPTIDE DESIGN AND SOLUTION ASSEMBLY**

DARRIN J. Pochan, UNIVERSITY OF DELAWARE | HOST: JIE HE