

FALL 2016 UConn CHEMISTRY SEMINAR SERIES

CHEMISTRY COLLOQUIUM

GRADUATE STUDENT SEMINAR

ALL SEMINARS TAKE PLACE IN CHEMISTRY BUILDING A-203

SEMINARS ARE FREE & OPEN TO THE PUBLIC

CHEMISTRY.UCONN.EDU/ABOUT/EVENTS/COLLOQUIA

- SEPT 7**
4:30PM
CONTROLLED ENCAPSULATION OF CATALYSTS IN NANOPOROUS MATERIALS
FRANK TSUNG, BOSTON COLLEGE | HOST: J. ZHAO
- SEPT 14**
4:30PM
WEAKLY AND STRONGLY CONJUGATED HYDROPORPHYRIN ARRAYS - TWO ROUTES TO NOVEL PHOTONIC AGENTS FOR BIOMEDICAL APPLICATIONS
MARCIN PTASZEK, UMBC | HOST: C. BRÜCKNER
- SEPT 15**
4:45PM
NI AND MN-PROMOTED MESOPOROUS CO₃O₄ AS EFFICIENT CATALYSTS FOR OXYGEN REDUCTION REACTION AND OXYGEN EVOLUTION REACTION
WENQIAO SONG, SUIB GROUP, UCONN
- SEPT 22**
4:45PM
POSNER/NEWBURGER DISTINGUISHED LECTURE
SCIENCE AND TECHNOLOGY OF QUANTUM DOTS: FROM SPECTROSCOPY TO DEVICES
MOUNGI BAWENDI, MIT | HOST: J. ZHAO
- SEPT 29**
4:45PM
UNDERSTANDING AND MANIPULATING IMMUNITY
ELIZABETH NOLAN, MIT | HOST: A. ANGELES
- OCT 5**
4:30PM
GOLD NANOCRYSTALS: PHYSICS, CHEMISTRY, BIOLOGY, ECOLOGY
CATHY MURPHY, UIUC | HOST: J. ZHAO
- OCT 6**
4:45PM
CARBONYL ENE REACTIONS OF 2-METHYLENEOXETANES AND SYNTHESIS OF ALPHA-GALCER ANALOGUES AS INKT-CELL AGONISTS
DONALD CALDWELL, HOWELL GROUP, UCONN
- OCT 11**
4:15PM
HYDROGENATION OF CO₂ TO METHANOL: IMPORTANCE OF METAL-OXIDE AND METAL-CARBIDE INTERFACES IN THE ACTIVATION OF CO₂
JOSE RODRIGUEZ, STONY BROOK | HOST: ANGELES/HE
- OCT 13**
4:45PM
NANOSTRUCTURED MATERIALS FOR ULTRASENSITIVE MOLECULAR AND CELLULAR ANALYSIS
SHANA KELLEY, U. OF TORONTO | HOST: C. KUMAR
- OCT 19**
4:30PM
ANALYTICAL METHOD DEVELOPMENT FOR COMPLEX BIOLOGICAL MATRICES
SOURAV CHAKRABORTY, CCSU | HOST: A. BASU
- OCT 20**
4:45PM
PREFERENTIAL CU DIFFUSION TO THE ENDS OF AuCu NANORODS DURING GALVANIC REPLACEMENT REACTION
SRAVAN THOTA, ZHAO GROUP, UCONN
- OCT 26**
4:30PM
TRANSFORMING CONVENTIONAL MATERIALS VIA RATIONAL DESIGN AND CONTROLLED SYNTHESIS
JIANJUN CHENG, UIUC | HOST: Y. LIN
- OCT 27**
4:45PM
SUSTAINABLE BIOPLASTICS, ELASTOMERS AND ANTIMICROBIAL METALLOPOLYMERS
CHUANBING TANG, U. SOUTH CAROLINA | HOST: J. HE
- NOV 2**
4:30PM
STRATEGIES IN ORGANIC SYNTHESIS BASED ON THE CATALYTIC REACTIONS OF BORON REAGENTS
JAMES MORKEN, BOSTON COLLEGE | HOST: M. PECZUH
- NOV 3**
4:45PM
WHEN CAMELS MET HUSKIES: 25 YEAR OF COLLABORATIVE AND SYNERGISTIC RESEARCH. CHEMICALLY MODIFIED ELECTRODES (SOME) AND POROUS MANGANESE OXIDES (LOTS)
STANTON CHING, CONN COLLEGE | HOST: A. ANGELES
- NOV 9**
4:30PM
METAL AND SEMICONDUCTOR NANOPARTICLES: SYNTHESIS, OPTICAL INTERACTION AND APPLICATIONS
JING ZHAO, UCONN | HOST: J. HE
- NOV 16**
4:30PM
ATOMICALLY PRECISE GOLD NANOCCLUSERS AND NANOPARTICLES: FUNDAMENTALS AND OPPORTUNITIES
RONGCHAO JIN, CARNEGIE MELLON | HOST: J. GASCÓN
- NOV 17**
4:45PM
TARGETING CANCER WITH TRANSITION METAL COMPLEXES: FROM BASIC SCIENCE TOWARD THERAPY
CLAUDIA TURRO, OSU | HOST: A. ANGELES
- NOV 30**
4:30PM
CHEMICAL AND BIOLOGICAL SYNTHESIS OF NATURAL PRODUCTS FOR RARE DISEASES
RICHARD TAYLOR, NOTRE DAME | HOST: A. HOWELL
- DEC 1**
4:45PM
WATER-SOLUBLE QUINOLINE-ANNULATED PORPHYRINS AS PHOTOACOUSTIC IMAGING CONTRAST AGENTS FOR CANCER IMAGING
MICHAEL LUCIANO, BRÜCKNER GROUP, UCONN
- DEC 7**
4:30PM
TUNING MAGNETISM AND SUPERCONDUCTIVITY IN LAYERED METAL CHALCOGENIDES THROUGH INTERCALATION CHEMISTRY
EFRAIN RODRIGUEZ, U. MARYLAND | HOST: S. SUIB