

JAN 18
4:30PM

THE INTERSECTION OF COMPUTATION AND EXPERIMENT: WHAT CAN COMPUTATIONAL CHEMISTRY DO FOR YOU?

ANGELO R. ROSSI, UCONN CHEMISTRY | HOST: CHRISTIAN BRÜCKNER

JAN 19
4:45PM

ASSESSING L-SELECTIN AS POTENTIAL BIOMARKER FOR METASTASIS IN BLADDER CANCER PATIENTS USING A MICROFLUIDIC MODIFIED ELISA ASSAY

GAYATRI PHADKE, RUSLING GROUP, UCONN

JAN 25
4:30PM

ELASTICITY FROM A MOLECULAR PERSPECTIVE

JEREMIAH A. JOHNSON, MIT | HOST: JIE HE

JAN 26
4:45PM

MESOPOROUS SULFATED ZIRCONI (UCT - 47): AN EFFICIENT CATALYST FOR BIODIESEL PRODUCTION

SAIFUL SERAJI, SUIB GROUP, UCONN

FEB 1
4:30PM

COLLOIDAL SEMICONDUCTOR NANOCRYSTAL PHOTOCATALYSTS

TODD KRAUSS, UNIVERSITY OF ROCHESTER | HOST: JING ZHAO

FEB 2
4:45PM

ANTIBODY-LIKE BIORECOGNITION SITES FOR PROTEINS FROM SURFACE IMPRINTING ON NANOPARTICLES

SNEHASIS BHAKTA, RUSLING GROUP, UCONN

FEB 8
4:30PM

THERMODYNAMICS OF ELECTRON TRANSFER BY METALLOPROTEINS FROM CALORIMETRIC MEASUREMENTS OF METAL BINDING

DEAN WILCOX, DARTMOUTH COLLEGE | HOST: ALFREDO ANGELES

FEB 15
4:30PM

TEACHING OLIGONUCLEOTIDES NEW TRICKS – A MACROMOLECULAR APPROACH

KE ZHANG, NORTHEASTERN UNIVERSITY | HOST: YAO LIN

FEB 16
4:45PM

DERIVATIZATION WITH COST-EFFECTIVE FMOC-AMINO ACID-OSU REAGENTS FOR PEPTIDE FRAGMENTATION MECHANISM STUDY

YUANYUAN SHEN, YAO GROUP, UCONN

ELECTROCHEMILUMINESCENT ARRAY TO DETECT OXIDATIVE DAMAGE IN DS-DNA USING [Os(BPY)₂(PHEN-BENZ-COOH)]²⁺/NAFION/GRAPHENE FILMS

ITTI BIST, RUSLING GROUP, UCONN

FEB 22
4:30PM

RELIABLE AND REVERSIBLE MOLECULAR LINKAGES FOR CHEMICAL BIOLOGY

M.G. FINN, GEORGIA INSTITUTE OF TECHNOLOGY | HOST: YAO LIN

FEB 23
4:45PM

FULLERENE-ASSISTED PHOTOINDUCED CHARGE TRANSFER OF SINGLE-WALLED CARBON NANOTUBES THROUGH A FLAVIN-HELIX

ERANDIKA KARUNARATNE, PAPADIM. GROUP, UCONN

MAR 1
4:30PM

PROTEIN GLYCOSYLATION PATHWAYS AND PROCESSES

BARBARA IMPERIALI, MIT | HOST: PLU

MAR 2
4:45PM

SYNTHESIS OF SULFATIDES AND EXAMINATION OF THEIR ROLE IN IMMUNOMODULATION AND SYNTHESIS OF PALMOSTATIN M DERIVATIVES

KEVIN LUVAGA, HOWELL GROUP, UCONN

MAR 8
4:30PM

TBD

WILLIAM DOLBIER, UNIVERSITY OF FLORIDA | HOST: ALEXANDRU ASANDEI

MAR 9
4:45PM

SYNTHESIS OF NOVEL HYDROBENZAZAPHOSPHOLES AND ITS APPLICATIONS

KENDRICKS LAO, HOWELL GROUP, UCONN

MAR 22
4:30PM

ULTRASENSITIVE BIOSENSING TECHNIQUES WITH SURFACE PLASMON RESONANCE IMAGING

ROBERT CORN, UNIVERSITY OF CALIFORNIA, IRVINE | HOST: JING ZHAO

MAR 23
4:45PM

TRANSITION METAL (TM) DOPED ZNO AND ITS ELECTROCATALYTIC ACTIVITIES

MD SHAKIL, SUIB GROUP, UCONN

KINETIC STUDY ON DEPOLYMERIZATION OF MODEL CELLULOSE BY FUNGAL CELLULASES

MURALI ANUGANTI, LIN GROUP, UCONN

MAR 29
4:30PM

METALLORADICAL CATALYSIS: DEVELOPMENT OF STEREOSELECTIVE RADICAL REACTIONS

PETER ZHANG, BOSTON UNIVERSITY | HOST: CHRISTIAN BRÜCKNER

MAR 30
4:45PM

A POLYMER HYDROGEL MODIFIED LATERAL FLOW SENSING PLATFORM

JULIE JENKINS, ZHAO GROUP, UCONN

APR 5
4:30PM

THE ADVANCED ELECTROCHEMISTRY AT THE INDIVIDUAL METAL CLUSTERS

JIYEON KIM, UNIVERSITY OF RHODE ISLAND | HOST: JAMES RUSLING/JIE HE

APR 6
4:45PM

MECHANISM OF PHOTOCATALYTIC REDUCTION OF CO₂ BY RE(BPY)(CO)₃CL FROM DIFFERENCES IN CARBON ISOTOPE DISCRIMINATION

TAYLOR SCHNEIDER, ANGELES GROUP, UCONN

APR 12
4:30PM

DEVELOPMENT AND APPLICATIONS OF A BIOCONJUGATION TOOL KIT

CRAIG OGLE, UNIVERSITY OF NORTH CAROLINA, CHARLOTTE | HOST: WILLIAM BAILEY

APR 13
4:45PM

HOT CARRIER GENERATION IN QUANTUM-SIZED METAL NANOCRYSTALS

YUGANG SUN, TEMPLE UNIVERSITY | HOST: JIE HE

APR 18
4:45PM

DIVERSITY AND DESIGN: NEW CHEMICAL PROBES FOR BIOLOGY AND MEDICINE

DEREK TAN, SLOAN KETTERING CANCER CENTER | HOST: MARK PECZUH

APR 20
4:45PM

REDUCED GRAPHENE OXIDE SUPPORTED NICKEL–MANGANESE–COBALT SPINEL TERNARY OXIDE NANOCOMPOSITES AND THEIR CHEMICALLY CONVERTED SULFIDE NANOCOMPOSITES AS EFFICIENT ELECTROCATALYSTS FOR ALKALINE WATER SPLITTING

RAN MIAO, SUIB GROUP, UCONN

APR 26
4:30PM

TBD

PRASHANT KAMAT, UNIVERSITY OF NOTRE DAME | HOST: CHALLA V. KUMAR

APR 27
4:45PM

MESOPOROUS MANGANESE OXIDES FOR NO₂ ASSISTED CATALYTIC SOOT OXIDATION

NILUKA WASALATHANTHRI, SUIB GROUP, UCONN