Paper Presentation Schedule - Chem 7350, AU17

Nov. 13 – Leah Oliemuller
**Paper 1.** Light-Activated Protein Inhibition through Photoinduced Electron Transfer of a Ruthenium(II)–Cobalt(III) Bimetallic Complex  
DOI: 10.1021/jacs.5b00342  J. Am. Chem. Soc. 2015, 137, 3379–3385

Nov. 13 – Hemanthi
**Paper 2.** Spontaneous Formation in the Dark, and Visible Light-Induced Cleavage, of a Ru–S Bond in Water: A Thermodynamic and Kinetic Study  

Nov. 15 – Mike Scudder
**Paper 3.** Tris-heteroleptic Iridium Complexes Based on Cyclometalated Ligands with Different Cores  

Nov. 15 – James Herbo
**Paper 4.** Robust Cuprous Phenanthroline Sensitizer for Solar Hydrogen Photocatalysis  
*J. Am. Chem. Soc.*, 2013, 135 (38), pp 14068–14070  DOI: 10.1021/ja407816f

Nov. 17 – Austin Lanquist
**Paper 5.** Tunable Excited-State Properties and Dynamics as a Function of Pt–Pt Distance in Pyrazolate-Bridged Pt(II) Dimers  
DOI: 10.1021/acs.jpca.5b1233 J. Phys. Chem. A 2016, 120, 543–550

Nov. 17 – Jingfeng Zheng
*J. Phys. Chem. C* 2017, 121, 6924–6929. **DOI:** 10.1021/acs.jpcc.7b01019

Nov. 20 – Regina Trevino
**Paper 7.** pH Control of Intramolecular Energy Transfer and Oxygen Quenching in Ru(II) Complexes Having Coupled Electronic Excited States  

Nov. 20 – Jackson Majher
**Paper 8.** Excited State Distortion in Photochromic Ruthenium Sulfoxide Complexes  
J. AM. CHEM. SOC. 2010, 132, 5428–5436. **DOI:** 10.1021/ja9099399

Nov. 27 – Raymond Twumasi
**Paper 9.** Ru(II) Dyads Derived from 2–(1-Pyrenyl)–1H– imidazo[4,5-f][1,10]phenanthroline: Versatile Photosensitizers for Photodynamic Applications  
*J. Phys. Chem. A*, 2014, 118 (45), pp 10507–10521. **DOI:** 10.1021/jp504330s

Nov. 27 – Sunggu Cho
**Paper 10.** Direct Aldehyde C–H Arylation and Alkylation via the Combination of Nickel, Hydrogen Atom Transfer, and Photoredox Catalysis  
*J. Am. Chem. Soc.* 2017, 139, 11353–11356. **DOI:** 10.1021/jacs.7b07078

Nov. 29 – Warren Huey
**Paper 11.** Supermolecular-Chromophore-Sensitized Near-Infrared-to-Visible Photon Upconversion  
J. AM. CHEM. SOC. 2010, 132, 14203–14211. **DOI:** 10.1021/ja105510k
Nov. 29 – Radoslav Pavlovic

Dec. 4 – Kelsey Hodge
**Paper 13.** Photo-Induced Spin-State Conversion in Solvated Transition Metal Complexes Probed via Time-Resolved Soft X-ray Spectroscopy J. AM. CHEM. SOC. 2010, 132, 6809–6816. DOI: 10.1021/ja101381a

Dec. 4 – Jie Huang
**Paper 14.** Red Light-Triggered CO Release from Mn₂(CO)₁₀ Using Triplet Sensitization in Polymer Nonwoven Fabrics J. Am. Chem. Soc. Article ASAP DOI: 10.1021/jacs.7b07427

Dec. 6 – Jingtao Zhang

Dec. 6 – Sean Steinke

Dec. 8 – Alba Evans

Dec. 8 – Luke Schkeryantz
**Paper 18.** Photodriven Oxidation of Surface-Bound Iridium-Based Molecular Water-Oxidation Catalysts on Perylene-3,4-dicarboximide-Sensitized TiO₂ Electrodes Protected by an Al₂O₃ Layer J. Phys. Chem. C, 2017, 121 (7), pp 3752–3764. DOI: 10.1021/acs.jpcc.6b11672

Dec. 11 – Jiaonan Sun

Dec. 11 – Samragni Bnerjee

Dec. 12 – Matt Gray
**Paper 21.** Harnessing Molecular Photon Upconversion in a Solar Cell at Sub-solar Irradiance: Role of the Redox Mediator DOI: 10.1021/jacs.7b05462 J. Am. Chem. Soc. 2017, 139, 10988–10991

Dec. 12 – Nathanael Hunter
**Paper 22.** Li, G.; Swords, W. B.; Meyer, G. J. "Bromide photooxidation on Sensitized to Visible Light in Consecutive Ion Pairs" Journal of the American Chemical Society 2017. Doi: 10.1021/jacs.7b06735