

UVA Presentations and Posters at the ACS National Meeting March 31-April 4, 2019; Orlando, FL

Sunday, March 31

8:50 AM

Robert Gilliard, INOR 76: New synthetic strategies in carbene–bismuth chemistry in “Main Group Chemistry”; Room W232B, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/cee1956a-d464-43a7-bde5-fafdba5d7e38>

9:10 AM

Jacob Walley, INOR 77: Systematic studies of carbodicarbenes and n- heterocyclic carbenes in alkaline earth metal chemistry in “Main Group Chemistry”; Room W232B, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/8b5abcf1-0f94-4dc6-9123-6fdbcbce1acb4>

9:30 AM

Hsien-Wei Yeh, BIOL 13: Directed evolution of bioluminescent probes enables ultrasensitive live-animal imaging and multiplexed bioassay in “Graduate Student & Postdoctoral Fellow Symposium”; Room W240C, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/4a6df32f-0548-42a8-8d8e-30548f1eb02b>

2:25 PM

Ziyang Nie and **Gary Koenig**, ENFL 52: Characterization of lithiation/delithiation of thick sintered lithium-ion battery electrodes using neutron imaging in “Innovative Chemistry & Materials for Electrochemical Energy Storage”; West Hall B4 - Theater 13, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/525f8d32-db45-4c0c-a0ee-bbfbf7665a9c>

5:30-7:30 PM [Inorganic Poster Session, West Hall C, Orange County Convention Center]

Justin Wilde, INOR 251: Molybdenum-promoted dearomatization of pyridines.

<https://plan.core-apps.com/acsorlando2019/abstract/ce7ec175-c6ae-4a18-9858-d4c505a745e1>

Monday, April 1

8:55 AM

Gary Koenig, PHYS 107: Characterizing chemical redox of battery active materials in “Materials & Techniques to Advance Redox Flow Batteries”; Valencia Ballroom B-D - Theater 2, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/656e3b23-c4f2-43ff-8f08-1990d82926ba>

1:50 PM

Devanshi Gupta and **Gary Koenig**, INOR 448: Chemical redox kinetics of LiFePO₄ using UV vis spectroscopy in “Chemistry of Materials - Materials for Energy & Catalytic Applications”; Room W232B, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/a8928baf-88b7-4c3b-b793-a170fb571d13>

2:00 PM

Lucas Kimerer, BIOT 108: Chromatographic behavior of bivalent bispecific antibodies on cation exchange columns in “Downstream Processing”; Grand B, Rosen Centre Hotel.

<https://plan.core-apps.com/acsorlando2019/abstract/9464c982-6b4a-4678-a6a4-2a4c4bec1dcb>

8:00-10:00 PM [Sci-Mix Poster session, West Hall C, Orange County Convention Center]

Ziyang Nie and **Gary Koenig**, ENFL 52: Characterization of lithiation/delithiation of thick sintered lithium-ion battery electrodes using neutron imaging.

<https://plan.core-apps.com/acsorlando2019/abstract/525f8d32-db45-4c0c-a0ee-bbfbf7665a9c>

Hsien-Wei Yeh, BIOL 13: Directed evolution of bioluminescent probes enables ultrasensitive live-animal imaging and multiplexed bioassay.

<https://plan.core-apps.com/acsorlando2019/abstract/4a6df32f-0548-42a8-8d8e-30548f1eb02b>

Shen Zhang, ANYL 303: Converting green fluorescent protein based biosensors to red in a general way.

<https://plan.core-apps.com/acsorlando2019/abstract/1dde1b64-29dc-4ca2-a4c2-0a56118dc826>

Tuesday, April 2

10:50 AM

Shen Zhang, ANYL 303: Converting green fluorescent protein based biosensors to red in a general way in “Interdisciplinary Chemistry for New Frontiers in Biology & Medicine”; Orlando Ballroom N, Hyatt Regency Orlando.

<https://plan.core-apps.com/acsorlando2019/abstract/1dde1b64-29dc-4ca2-a4c2-0a56118dc826>

3:10 PM

Hongxu Dong, COLL 494: In-situ analysis of nucleation and growth of transition metal oxalate precursor particles via time evolution of solution composition and particle size distribution in “Basic Research in Colloids, Surfactants & Interfaces”; West Hall B4 - Theater 2, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/a276d95b-efa4-4488-a8fa-a4d5981cee9f>

3:25 PM

Lucas Frye, CHED 1841: Catalysis and sustainable energy: Lowering barriers to change in “Perspectives on Climate Change Literacy & Education: Local to International”; Room W311E, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/5a2fe77b-e4fd-487c-ba99-af61f1c9c38f>

6:00-8:00 PM [Biochemical Technology Poster Session, West Hall E1, Orange County Convention Center]

Yiran Wang, BIOT 317: Competitive binding of monomer-dimer mAb mixtures and their separation by frontal analysis using ceramic hydroxyapatite.

<https://plan.core-apps.com/acsorlando2019/abstract/558b196e-34cd-4263-aa5b-9c76ef381ecb>

Wednesday, April 3

1:30 PM

Geoffrey Geise, POLY 522: Influence of relative permittivity properties on ion transport in hydrated polymer membranes in "Transport in Polymer Membranes"; Salon 19, Rosen Centre Hotel.

<https://plan.core-apps.com/acsorlando2019/abstract/526db697-bb76-496a-b1c3-2a75bb5896c2>

2:00 PM

Linda Columbus, COMP 541: Physical properties of membranes and membrane mimics: potential impact on membrane protein structure in "Simulation of Protein-Membrane Interfaces"; West Hall B4 - Theater 24, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/4d5638c5-46ed-4dfe-af1f-2c4cac37b9f>

Thursday, April 4

9:10 AM

Robert Gilliard, INOR 957: Unusual coordination chemistry and bond activation involving light alkaline earth metal carbene complexes in "Coordination Chemistry: Synthesis & Characterization"; Room W224A, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/540d7dcc-44ae-48c5-b46d-79e14c1196d8>

10:10 AM

Patrick McCormack, PMSE 635: Poly(phenylene oxide) based ion conducting polymers for electrochemical applications in "General Papers-New Concepts in Polymeric Materials"; Salon 17, Rosen Centre Hotel.

<https://plan.core-apps.com/acsorlando2019/abstract/e6108b28-7688-4268-8b9c-629cea355c64>

10:20 AM

Lucas Freeman, INOR 960: Novel synthetic strategies towards the isolation of main group metal hydrides in "Coordination Chemistry: Synthesis & Characterization"; Room W224A, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/89c82963-a71f-4f32-8422-881fe6fa0cc1>

11:10 AM

Geoffrey Geise, ENVR 701: Ion transport in charged polymers for electromembrane applications in "Aqueous Contaminant Separation, Resource Recovery & Clean Energy Generation by Electrochemical Processes"; Room W331C, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/c5a96157-e79c-4c2e-8b07-63fff8896b1d>

1:50 PM

Shunyan Gu, INOR 1112: Use of ligand steric properties to control the thermodynamics and kinetics of oxidative addition and reductive elimination with pincer-ligated Rh complexes in "Organometallic Chemistry: Synthesis & Characterization"; Room W232A, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/0100730e-3610-428f-94a3-d3c1188524d8>

1:50 PM

Weihaio Zhu, INOR 1102: Study of Rh catalysts for the single-step oxidative alkenylation of benzene in "Organometallic Chemistry: Catalysis"; West Hall B4 - Theater 11, Orange County Convention Center.

<https://plan.core-apps.com/acsorlando2019/abstract/85e8af54-f447-44be-bf41-c775b2d0d7e6>