

CCE Seminar Day

Thursday, October 21, 2021

Zoom information:	<i>Meeting ID: 871 0542 4975</i>	<i>Password: SeminarDay</i>
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Welcome	<i>9:00 am</i>	<i>Zoom</i>
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Session I	<i>9:05 am - 10:25 am</i>	<i>Zoom</i>
Alex Barth <i>Dr. Harry Gray</i>	"Photoredox Catalysis Mediated by Tungsten(o) arylisocyanides in 1,2-Difluorobenzene"	
Rebeccah Warmack <i>Dr. Doug Rees</i>	"Anaerobic single particle cryoEM of Mo-nitrogenase"	
Dr. Sriteja Mantha <i>Dr. Zheng-Gang Wang</i>	"Effect of silicone polyether surfactant on the CO ₂ bubble nucleation in polyol"	
Tian Zeng <i>Dr. Maxwell Robb</i>	"Development of a Molecular Release Platform Towards Targeted Delivery And Sensing Using Ultrasound"	

Coffee Break	<i>10:25 am – 10:40 am</i>	<i>On your own</i>
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Session II	<i>10:40 am - 12:00 pm</i>	<i>Zoom</i>
Sepand Nistanaki <i>Dr. Hosea Nelson</i>	"Achieving Enantioselectivity in a Vinyl Cation C–H Insertion Reaction"	
Jorge L. Rosa <i>Dr. Tom Miller</i>	"Improved integrators for thermostatted ring-polymer molecular dynamics"	
Robert Hurt <i>Dr. Mikhail Shapiro</i>	"Imaging gene expression in mice using acoustic reporter genes"	
Mike Zott <i>Dr. Jonas Peters</i>	"Reductive Radical Generation via Outer-Sphere Photoelectrochemistry"	

Boxed Lunch	<i>12:00 pm - 1:00 pm</i>	<i>Schlinger Courtyard</i>
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Session III	<i>1:00 pm - 2:20 pm</i>	<i>Zoom</i>
Alex Shimozono <i>Dr. Sarah Reisman</i>	"The Synergistic Relationship Between Reaction Development and Total Synthesis: Development of a Doubly Stereoselective Reductive Coupling of Meso-Anhydrides and Racemic Sec-Alkyl Halides"	
Dr. Joseph Derosa <i>Dr. Jonas Peters</i>	"Electrocatalytic Concerted Proton-Electron Transfer as a Synthetic Tool for the (Electro)Organic Chemist"	
Greg Jones <i>Dr. Mitchio Okumura</i>	"Ab initio calculations of the H + HO ₂ Reaction and its KIE: Impact on H ₂ O Loss from Mars"	
Elliot Mackrell <i>Dr. David Tirrell</i>	"Global analysis of protein degradation in <i>Escherichia coli</i> "	

Coffee Break	<i>2:20 pm - 2:35 pm</i>	<i>On your own</i>
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Session IV	<i>2:35 pm - 3:55 pm</i>	<i>Zoom</i>
Gennady Gorin <i>Dr. Lior Pachter</i>	"How should we think about cells?"	
Steve Kim <i>Dr. Kimberly See</i>	"Introduction of defects to promote anion redox in alkali-rich sulfides for high capacity Li-ion battery cathodes"	
Dr. Tridip Das <i>Dr. William Goddard</i>	"Structural, Dynamic, and Diffusion Properties of Li ₆ PS ₅ Cl Superionic Conductor from Molecular Dynamics Simulations"	
Tyler Casselman <i>Dr. Brian Stoltz</i>	"Stereoselective Mannich Reaction of α -Substituted Lactams Facilitated via Telescoped Hydrosilylation of Aryl Nitriles"	

Poster Session	<i>4:30 pm</i>	<i>Gather.Town</i>
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Gather login:	<i>https://tinyurl.com/29ysvk66</i>	<i>Password: CCESeminarDay</i>
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