GCEP Student Energy Lectures - Summer 2017

MONDAYS starting June 26 and through August 21 (except July 3)
4:15 – 5:15 pm (refreshments provided at 4:00 pm)
Yang & Yamazaki Environment & Energy Building (Y2E2), Red Atrium, Room 299

Stanford grad students, postdocs, and faculty interested in energy are invited!
Join us as Stanford grad student/postdoc speakers from different technical areas give short and accessible presentations about their innovative clean energy research. Learn about cutting-edge science and the most recent breakthroughs in areas such as renewables, energy conversion materials and devices, carbon mitigation and synthetic fuel technologies from the students doing the research!

Share your feedback on the speakers, and you could win a Coupa Café giftcard each week.

Schedule of GCEP Student Speakers
(15-minute presentations with 5 minutes for Q & A)

June 26
Jacques de Chalendar: Management of Grid-Friendly Electrified District Heating and Cooling
Wen Song: Transport through Carbonates and Implications for CO₂ Storage Security
Mengyao Yuan: Optimization of Membrane-Based Flexible Carbon Capture

July 10
Austin Sendek: Building a Better Battery with Machine Learning
Ananth Yalamarthy: Engineering Thermal Transport in III-V Heterostructures

July 17
Raisul Islam: Metal Oxide Carrier Selective Contacts for On-Chip Embedded Photovoltaics
Matthew Smith: White-Light Emission in Layered Lead-Halide Perovskites

July 24
Nick Rolston: Scaffold-Reinforced Perovskite Compound Solar Cells for Improved Stability
Dingchang Lin: Reviving Li Metal Anodes

July 31
Peter Attia: Autonomous Screening and Optimization of Battery Fast-Charging Procedures
Madhur Boloor: Solid-State Design for an Elevated-Temperature Photoelectrochemical Cell

Aug. 7
Allison Hinckley: Thermoelectric Properties of Conductive Metal-Organic Frameworks
Aryeh Gold-Parker: The Role of Chlorine in Perovskite Solar Cells

Aug. 14
Dana Thomas: Storing CO₂ in Volcanic Rocks Underground: Insights from Experiments
Frauke Kracke: Sustainable Production of Fuels by Combining Microbiology and Electrochemistry

Aug. 21
Olivia Hendricks: Transition Metal Oxide-Titania Alloys for Solar Driven Water Oxidation
Emmett Goodman: Uniform Nanocrystals as Active and Stable Catalysts for Emissions Control

For more information, visit gcep.stanford.edu or contact GCEP Seminar Manager
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