

Chevron Studio Cohort 8 Intellectual Property Orientation Webinars

Previous Recordings - includes technologies available as part of cohort 7 and still available for selection in cohort 8

PLEASE NOTE: If a link leads to a message saying "Recording Does Not Exist", please try copying and pasting the recording URL directly into your browser

Date	Duration	Institution	Technology	Recording Link
9/16/2025	34 minutes	Texas A&M University	PCB Rotor Brushless Magnet-Free Wound Field Synchronous Machine	https://nrel.zoomgov.com/rec/share/Ony6Sp_A22nEUtX44n7bRp4GxsrflIOS9bJoU7MO_fg m3YTh03rxzFuolxX_fz64.km3qpcylELqDlqvj
9/16/2025	46 minutes	University of Maryland	Advanced Sorbent Membranes for Efficient Lithium Ion Extraction	https://nrel.zoomgov.com/rec/share/3zx9Tvc0ti4FdOjPBGQv4LMA8hKaa_ngMzGPY-mMBHobRkvXJ6JJsX5DpmCH3n8.Kk01KkuxXXxBGqfI
9/16/2025	34 minutes	University of Southern California	On-Site Generation of Clean, Ultra-High Pressure Hydrogen via Catalytic Reforming of Methanol and Other Alcohols	https://nrel.zoomgov.com/rec/share/f24xZPQ6GzM_clcsT-KP8QAK6PuJzcafVX4oKsW9uVqxlz1CJant8lnqYXfuLKI.8JjiWeW5RZsD3ZAn
9/17/2025	22 minutes	University of Southern California	Calcium Carbonate-Based Biodegradable Composites as an Alternative Material to Industrial Plastics	https://nrel.zoomgov.com/rec/share/_yxc7vpPWPkUdODEN7kFwWaN6WFla4xJM5sSbQn mcWzDq4i190rmzV_Llj13uOD.CRb1B137k-IQizW7
9/18/2025	40 minutes	University of Minnesota	Heat to Electricity Using Phase Transformations in Ferroelectric Oxides	https://nrel.zoomgov.com/rec/share/OyCT2JbUyJltbkJ3wQx_qarqpKmTcFovveyYj1ooAVFF wdDB--v5ygpXGKbdeTiv_igEi_wTGmHVbXH
9/19/2025	54 minutes	University of Cincinnati	Energy-Efficient and Stable Modified Amines and Methods for CO2 Separation	https://nrel.zoomgov.com/rec/share/y6W2dri5H5PaSMcK4uwrflbMPKILWpdF4m0M811m mYht8gVvOfdL9xt5NrbjSWT.y_hbMmByQygMCCDD
9/22/2025	32 minutes	Boise State University	Methods and Processes for Manufacturing an Advanced Electrochemical Sensor	https://nrel.zoomgov.com/rec/share/VPxj6CFPALyPP7E45BF-itiB5iWADQ5YXTJtLUDvLT_4PqX3n83Y-u8SWcoQ_kFq.LNapC0DDhf-y5B_E
9/22/2025	39 minutes	Texas A&M University	System and Apparatus of Power Electronic Intelligence at the Network Edge	https://nrel.zoomgov.com/rec/share/PfnAkrcjv8WVl2EEPQ0CqFO_oo0KQ4TgizrlvTDDIUT-BafliOz--akveEpG0EoO_rf0Y4uDI77LyBBo-
9/24/2025	42 minutes	University of Maryland	Millisecond Catalytic Wall Reactor for Autothermal Non-Oxidative Conversion of Methane to Ethylene	https://nrel.zoomgov.com/rec/share/YH6ijEpPVYBqM5JEGD8zPaHg53D6eJkWrRhEwYP7Y BfknAs_TlIQwO6hkFO_Mg.qghKSLIToYNxQmT
9/25/2025	42 minutes	University of Cincinnati	Rechargeable Liquid Metal-CO2 Battery for Large-Scale Energy Storage	https://nrel.zoomgov.com/rec/share/JrFrc0UYQvaAKm1Q_INrfyJlOJaWA8M64aa_jpdWd4 Oui4vNUblLbJui3PGRZzy.uo7ZR8wsQYq78f8Y
9/25/2025	37 minutes	University of Southern California	Dehydrogenation of Neat Formic Acid	https://nrel.zoomgov.com/rec/share/5b8KQRdHP4ayGuahnK9-jP_u7F1lpQnHCax0WBkfkD4jAnWas5LkY9A2Q6Qr5_ZnQXmUkQies9AamY
9/26/2025	39 minutes	Princeton University	Modular Multi-Material Additive Manufacturing System for Automated Deposition of Concrete, Polymer, and Silicone	https://nrel.zoomgov.com/rec/share/ky3KPQRtYr4oCzE-gtuyprTu5Jp2L7ud3cFMTRg0r11cy-roTH9Tq49l-mBflOV.sArIMKwG01kk_fxC
9/26/2025	36 minutes	Colorado State University	Preventing the Clogging of Crude Oil Pipelines	https://nrel.zoomgov.com/rec/share/U3_k1B71KRJZqolBib7Rr_hTANPzXM7aaGiK6akb-i2LerFIQdislGmTnYKJYbdB.3KitrWl7ujl_tvui
9/26/2025	40 minutes	University of Connecticut	AI-Powered All-In-One Solid-State Compact Milli-Electrode Arrays (MEA) for Real-Time In Situ Nitrogen Monitoring	https://nrel.zoomgov.com/rec/share/Z7vjMtHPdSdOKLPC6bTsk2A_AtjS2d_8kzaSEE4XTZac6 VnKE8l-azaWQsoYcUbv.ykic--ZLcGNpiMuR
9/26/2025	36 minutes	Penn State University	Smart Lost Circulation Materials (LCMs) for Sealing Large-Width Fractures During Drilling (Oil and Gas, Geothermal, and Other Wells)	https://nrel.zoomgov.com/rec/share/SQxlWO-Y_SFzXkU6f-57dgYbUbgRjDEMCKMzrsxVtsBdYhM9Q78I4uWo74RMnSu.xduOAOsJlf-6osjf

Upcoming Webinars - new technologies available in cohort 8

Date	Time (MT)	Institution	Technology	Registration Link
3/25/2026	11:00	University of Connecticut	Metal Oxide for Electrochemical Oxidation of Methane to Liquid Fuels and Electroversion of Alkanes to Alcohols	https://nrel.zoomgov.com/webinar/register/WN_zF04YoKqTSe7LUGyWw0NTA
TBD	TBD	Arizona State University	Bio-Inspired Inspection Robot	
TBD	TBD	Arizona State University	Zigzag Flow Reactor for Thermochemical Energy Storage	
TBD	TBD	Arizona State University	Membrane Contactor for Simultaneous Desalination and CO2 Removal from Seawater	
TBD	TBD	Arizona State University	Spark – High Efficiency Micro-Power Generator for Portable Applications	
TBD	TBD	Arizona State University	Amphibious Pipe Inspection Robot	
TBD	TBD	Arizona State University	Bio-Inspired Robot for Tube Inspection	
TBD	TBD	Arizona State University	Power-Generating Thermogalvanic Bricks	
TBD	TBD	Auburn University	Non-Destructive, In-Situ Monitoring of Corrosion in Cables	
TBD	TBD	Georgia Tech University	Polyethylene Glycol Functionalized Aromatic Polyimide Groups for High Performance CO2 Capture Applications Beyond Natural Gas Purification	
TBD	TBD	Georgia Tech University	A Method for Recycling Metals from Spent Lithium-Ion Batteries	
TBD	TBD	Georgia Tech University	Alkali Hydroxide Triple Phase Flow Batteries	
TBD	TBD	Louisiana State University	Enhanced Autonomous Mission System for Mobile Robots	
TBD	TBD	Texas Tech University	Ultrawide Bandgap Semiconductors for Extrinsic Photoconductive Switching Devices	
TBD	TBD	University of Connecticut	Physics-Informed Partial Least Squares Regression Modeling for Failure Detection in Power Electronic Devices; Nonlinear Autoregressive Exogenous Modelling for Power Electronic Device Modelling	
TBD	TBD	University of Delaware	Lignin-Derivable, Isocyanate-Free, High-Performance Thermoplastic Polyurethanes (TPUs)	
TBD	TBD	University of Delaware	Catalytic Hydroconversion of Polypropylene-Based Plastic Waste to Lubricant Base-Oils	
TBD	TBD	University of Maryland	Near-Critical Liquefaction-Extraction (NILE) for Biofuels	
TBD	TBD	University of Minnesota	Modular Convection-Enhanced Evaporation (CEE) System for Brine Management	
TBD	TBD	University of Minnesota	Biodiesel from Scum Oil and Waste Oil	
TBD	TBD	University of Wyoming	Materials Derived from Coal using Environmentally Friendly Solvents	

Last updated:

March 2, 2026