

### 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	<a href="https://nrel.zoomgov.com/rec/share/Ony6Sp_A22nEutX44n7bRp4GxsrfLlOS9bJoU7MO_fGm3YTh03rxzFuolX_fz64.km3gpcylElgDlqvj">https://nrel.zoomgov.com/rec/share/Ony6Sp_A22nEutX44n7bRp4GxsrfLlOS9bJoU7MO_fGm3YTh03rxzFuolX_fz64.km3gpcylElgDlqvj</a>
9/16/2025	46 minutes	University of Maryland	<a href="#">Advanced Sorbent Membranes for Efficient Lithium Ion Extraction</a>	<a href="https://nrel.zoomgov.com/rec/share/3zx9Tvc0t4FdQjPBGQv4LMA8hKaa_nmGzGPY-mMBHobRkvXJ6JJsX5DpmCH3n8.Kk01KkuxXX8GqfI">https://nrel.zoomgov.com/rec/share/3zx9Tvc0t4FdQjPBGQv4LMA8hKaa_nmGzGPY-mMBHobRkvXJ6JJsX5DpmCH3n8.Kk01KkuxXX8GqfI</a>
9/16/2025	34 minutes	University of Southern California	<a href="#">On-Site Generation of Clean, Ultra-High Pressure Hydrogen via Catalytic Reforming of Methanol and Other Alcohols</a>	<a href="https://nrel.zoomgov.com/rec/share/f24x2P06GzM_clcsT-KP80AK6PujzafvX4oKsW9uVqxzlz1Cjant8lnqYXfuLkI.8jjiW5W5RzSd3ZAn">https://nrel.zoomgov.com/rec/share/f24x2P06GzM_clcsT-KP80AK6PujzafvX4oKsW9uVqxzlz1Cjant8lnqYXfuLkI.8jjiW5W5RzSd3ZAn</a>
9/17/2025	22 minutes	University of Southern California	<a href="#">Calcium Carbonate-Based Biodegradable Composites as an Alternative Material to Industrial Plastics</a>	<a href="https://nrel.zoomgov.com/rec/share/_yxc7vpPWPkUdODEN7kFwWaN6WFla4xIM5sSbQnmcWzDg4i190rmzV_Lij13uOD.Crb1B137k-IQIZW7">https://nrel.zoomgov.com/rec/share/_yxc7vpPWPkUdODEN7kFwWaN6WFla4xIM5sSbQnmcWzDg4i190rmzV_Lij13uOD.Crb1B137k-IQIZW7</a>
9/18/2025	40 minutes	University of Minnesota	<a href="#">Heat to Electricity Using Phase Transformations in Ferroelectric Oxides</a>	<a href="https://nrel.zoomgov.com/rec/share/OvCT2JbUyJltbkj3wOx_qarqKmtCfoweyYj1ooAVFFwdDB--v5ygpXGKbdeTiv_igEi_wTgmHvBxH">https://nrel.zoomgov.com/rec/share/OvCT2JbUyJltbkj3wOx_qarqKmtCfoweyYj1ooAVFFwdDB--v5ygpXGKbdeTiv_igEi_wTgmHvBxH</a>
9/19/2025	54 minutes	University of Cincinnati	<a href="#">Energy-Efficient and Stable Modified Amines and Methods for CO2 Separation</a>	<a href="https://nrel.zoomgov.com/rec/share/y6W2dri5H5PaSMcK4uwrfbMPKILWpdF4m0M81lmYht8gVOfdL9xtp5NrbjSWT_y_hbMmByQyqMCCDD">https://nrel.zoomgov.com/rec/share/y6W2dri5H5PaSMcK4uwrfbMPKILWpdF4m0M81lmYht8gVOfdL9xtp5NrbjSWT_y_hbMmByQyqMCCDD</a>
9/22/2025	32 minutes	Boise State University	<a href="#">Methods and Processes for Manufacturing an Advanced Electrochemical Sensor</a>	<a href="https://nrel.zoomgov.com/rec/share/NPxi6CFPALyPP7E45BF-itB5iWADQ5YXTJLUDvL_T_4PqX3n83y-u8SWcoQ_kfQ.LNapC0DDHf-y5B_E">https://nrel.zoomgov.com/rec/share/NPxi6CFPALyPP7E45BF-itB5iWADQ5YXTJLUDvL_T_4PqX3n83y-u8SWcoQ_kfQ.LNapC0DDHf-y5B_E</a>
9/22/2025	39 minutes	Texas A&M University	<a href="#">System and Apparatus of Power Electronic Intelligence at the Network Edge</a>	<a href="https://nrel.zoomgov.com/rec/share/PfnAkrjcv8WVI2EEP00CqFO_oo0KQ4TgizrlvTDDIUT-BafllOz--akveEpG0EoO_rf0Y4uDi77LyBBo-">https://nrel.zoomgov.com/rec/share/PfnAkrjcv8WVI2EEP00CqFO_oo0KQ4TgizrlvTDDIUT-BafllOz--akveEpG0EoO_rf0Y4uDi77LyBBo-</a>
9/24/2025	42 minutes	University of Maryland	<a href="#">Millisecond Catalytic Wall Reactor for Autothermal Non-Oxidative Conversion of Methane to Ethylene</a>	<a href="https://nrel.zoomgov.com/rec/share/YH6jEjEPVYBqM5JEGD8zPaHg53D6eJkWRhEwYPZYBFkknAs_TlIQw06hkFO_Mg.gqhkSLTtoYXnQmT">https://nrel.zoomgov.com/rec/share/YH6jEjEPVYBqM5JEGD8zPaHg53D6eJkWRhEwYPZYBFkknAs_TlIQw06hkFO_Mg.gqhkSLTtoYXnQmT</a>
9/25/2025	42 minutes	University of Cincinnati	<a href="#">Rechargeable Liquid Metal-CO2 Battery for Large-Scale Energy Storage</a>	<a href="https://nrel.zoomgov.com/rec/share/JrFrcouYQvaAKm1Q_InrfyJlOJJaWA8M64aa_pdWD4Qui4yNUblbljui3PGRZyuo7Z8R8wQyQ78F8Y">https://nrel.zoomgov.com/rec/share/JrFrcouYQvaAKm1Q_InrfyJlOJJaWA8M64aa_pdWD4Qui4yNUblbljui3PGRZyuo7Z8R8wQyQ78F8Y</a>
9/25/2025	37 minutes	University of Southern California	<a href="#">Dehydrogenation of Neat Formic Acid</a>	<a href="https://nrel.zoomgov.com/rec/share/5b8KQRdHP4ayGuahnK9_jP_u7F1pQnHcax0WBkfdB4JanWas5LKY9A206Qr5_ZnQxmUKQies9AamY">https://nrel.zoomgov.com/rec/share/5b8KQRdHP4ayGuahnK9_jP_u7F1pQnHcax0WBkfdB4JanWas5LKY9A206Qr5_ZnQxmUKQies9AamY</a>
9/26/2025	39 minutes	Princeton University	<a href="#">Modular Multi-Material Additive Manufacturing System for Automated Deposition of Concrete, Polymer, and Silicone</a>	<a href="https://nrel.zoomgov.com/rec/share/ky3KPQRTYr4oCzE-gtuyPrTu5lp2L7ud3cFMTg0r11cy-roTH9Tg49l-mBfLOV_sAriMKWG01k_fcX">https://nrel.zoomgov.com/rec/share/ky3KPQRTYr4oCzE-gtuyPrTu5lp2L7ud3cFMTg0r11cy-roTH9Tg49l-mBfLOV_sAriMKWG01k_fcX</a>
9/26/2025	36 minutes	Colorado State University	<a href="#">Preventing the Clogging of Crude Oil Pipelines</a>	<a href="https://nrel.zoomgov.com/rec/share/U3_k1B71KRJZqolBib7Rr_hTANPzXM7aaG1K6akb-iZLerFIQdisiGmTnYKYydbB.3KjtrWl7uj_tVui">https://nrel.zoomgov.com/rec/share/U3_k1B71KRJZqolBib7Rr_hTANPzXM7aaG1K6akb-iZLerFIQdisiGmTnYKYydbB.3KjtrWl7uj_tVui</a>
9/26/2025	40 minutes	University of Connecticut	<a href="#">AI-Powered All-In-One Solid-State Compact Milli-Electrode Arrays (MEA) for Real-Time In Situ Nitrogen Monitoring</a>	<a href="https://nrel.zoomgov.com/rec/share/Z7viMthPdSd0KLPc6bTsk2A_AtIS2d_8kzaSE4EXZac6VnKE8I-azaWQsoYcUby.zklc-ZLcGNpIMuR">https://nrel.zoomgov.com/rec/share/Z7viMthPdSd0KLPc6bTsk2A_AtIS2d_8kzaSE4EXZac6VnKE8I-azaWQsoYcUby.zklc-ZLcGNpIMuR</a>
9/26/2025	36 minutes	Penn State University	<a href="#">Smart Lost Circulation Materials (LCMs) for Sealing Large-Width Fractures During Drilling (Oil and Gas, Geothermal, and Other Wells)</a>	<a href="https://nrel.zoomgov.com/rec/share/SQXlWQO-y_SFzXkU6f-57dgYbUbgRjIDEMKCMzrsxVTsbDyHm9Q78I4uWo74RMnSu_xduOAOsJif-6osif">https://nrel.zoomgov.com/rec/share/SQXlWQO-y_SFzXkU6f-57dgYbUbgRjIDEMKCMzrsxVTsbDyHm9Q78I4uWo74RMnSu_xduOAOsJif-6osif</a>

### Upcoming Webinars - new technologies available in cohort 8

Date	Time (MT)	Institution	Technology	Registration Link
3/16/2025	1:00 PM	University of Minnesota	<a href="#">Biodiesel from Scum Oil and Waste Oil</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_TsrDf-2oTmKxiVPHmjAM8w">https://nrel.zoomgov.com/webinar/register/WN_TsrDf-2oTmKxiVPHmjAM8w</a>
3/25/2026	11:00:AM	University of Connecticut	<a href="#">Metal Oxide for Electrochemical Oxidation of Methane to Liquid Fuels and Eleetroversion of Alkanes to Alcohols</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_zF04YoKqTSe7LUGyWWONTA">https://nrel.zoomgov.com/webinar/register/WN_zF04YoKqTSe7LUGyWWONTA</a>
3/25/2026	3:00 PM	Texas Tech University	<a href="#">Ultrawide Bandgap Semiconductors for Extrinsic Photoconductive Switching Devices</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_xbtzD_94TeSWefifk7C0lw">https://nrel.zoomgov.com/webinar/register/WN_xbtzD_94TeSWefifk7C0lw</a>
3/26/2026	1:00 PM	Louisiana State University	<a href="#">Enhanced Autonomous Mission System for Mobile Robots</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_ScltyeZPRVKU0f5wNqWw9g">https://nrel.zoomgov.com/webinar/register/WN_ScltyeZPRVKU0f5wNqWw9g</a>
3/27/2026	11:00 AM	University of Maryland	<a href="#">Near-Critical Liquefaction-Extraction (NILE) for Biofuels</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_-NmgmMW6R06ISQh2pKxbZQ">https://nrel.zoomgov.com/webinar/register/WN_-NmgmMW6R06ISQh2pKxbZQ</a>
TBD	TBD	Arizona State University	<a href="#">Bio-Inspired Inspection Robot</a>	
TBD	TBD	Arizona State University	<a href="#">Zigzag Flow Reactor for Thermochemical Energy Storage</a>	
TBD	TBD	Arizona State University	<a href="#">Membrane Contactor for Simultaneous Desalination and Co2 Removal from Seawater</a>	
TBD	TBD	Arizona State University	<a href="#">Spark – High Efficiency Micro-Power Generator for Portable Applications</a>	
TBD	TBD	Arizona State University	<a href="#">Amphibious Pipe Inspection Robot</a>	
TBD	TBD	Arizona State University	<a href="#">Bio-Inspired Robot for Tube Inspection</a>	
TBD	TBD	Arizona State University	<a href="#">Power-Generating Thermogalvanic Bricks</a>	
TBD	TBD	Auburn University	<a href="#">Non-Destructive, In-Situ Monitoring of Corrosion in Cables</a>	
TBD	TBD	Georgia Tech University	<a href="#">Polyethylene Glycol Functionalized Aromatic Polyimide Groups for High Performance CO2 Capture Applications Beyond Natural Gas Purification</a>	
TBD	TBD	Georgia Tech University	<a href="#">A Method for Recycling Metals from Spent Lithium-Ion Batteries</a>	
TBD	TBD	Georgia Tech University	<a href="#">Alkali Hydroxide Triple Phase Flow Batteries</a>	
TBD	TBD	University of Connecticut	<a href="#">Physics-Informed Partial Least Squares Regression Modeling for Failure Detection in Power Electronic Devices; Nonlinear Autoregressive Exogenous Modelling for Power Electronic Device Modelling</a>	
TBD	TBD	University of Delaware	<a href="#">Lignin-Derivable, Isocyanate-Free, High-Performance Thermoplastic Polyurethanes (TPUs)</a>	
TBD	TBD	University of Delaware	<a href="#">Catalytic Hydroconversion of Polypropylene-Based Plastic Waste to Lubricant Base-Oils</a>	
TBD	TBD	University of Minnesota	<a href="#">Modular Convection-Enhanced Evaporation (CEE) System for Brine Management</a>	
TBD	TBD	University of Wyoming	<a href="#">Materials Derived from Coal using Environmentally Friendly Solvents</a>	

Last updated:  
March 12, 2026