

## 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_A22nEUtX44n7bRp4GxsrFlIOS9bJouU7MO_fGm3YTh03rxzFuolX_fz64.km3qpcvELqDlqvj">https://nrel.zoomgov.com/rec/share/Ony6Sp_A22nEUtX44n7bRp4GxsrFlIOS9bJouU7MO_fGm3YTh03rxzFuolX_fz64.km3qpcvELqDlqvj</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/3zx9TVc0ti4FdOjPBGQv4LMA8hKaa_ngMzGPY-mMBHobRkvXUj6JsX5DpmCH3n8.kk01KkuxXXxBGfll">https://nrel.zoomgov.com/rec/share/3zx9TVc0ti4FdOjPBGQv4LMA8hKaa_ngMzGPY-mMBHobRkvXUj6JsX5DpmCH3n8.kk01KkuxXXxBGfll</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/f24x2PQ6GzM_clcsT-KP8QAK6PuJzcafVX4oKsW9uVqxxlz1CJant8lnqYXfuLkI.8jijWeW5RZsD3ZAn">https://nrel.zoomgov.com/rec/share/f24x2PQ6GzM_clcsT-KP8QAK6PuJzcafVX4oKsW9uVqxxlz1CJant8lnqYXfuLkI.8jijWeW5RZsD3ZAn</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/yxc7vppWPWKUsdODEN7kfWwWaN6WFla4xJM5s5bQnmcWzDq4i190rmzV_Lij13uOD_CRb1B137k-IQIZW7">https://nrel.zoomgov.com/rec/share/yxc7vppWPWKUsdODEN7kfWwWaN6WFla4xJM5s5bQnmcWzDq4i190rmzV_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/OyCT2JbUjYlItbkJ3wQx_qarqpKmTcFovveyY10oAVFFwdDB-v5ygpXGKbdeTiv_igEi_wTGmHVbXH">https://nrel.zoomgov.com/rec/share/OyCT2JbUjYlItbkJ3wQx_qarqpKmTcFovveyY10oAVFFwdDB-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/v6W2dri5H5PaSMck4uwrflbMPKILWpdF4m0M811mmYht8gVvOfdL9xtp5NrbjSWT_y_hbMmByQygMCCDD">https://nrel.zoomgov.com/rec/share/v6W2dri5H5PaSMck4uwrflbMPKILWpdF4m0M811mmYht8gVvOfdL9xtp5NrbjSWT_y_hbMmByQygMCCDD</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/VPxi6CFPALyP7E45BF-itIB5IWADQ5YXTJLUDvLT_4PqX3n83Y-u8SWcoQ_kFq.LNapC0DDhf-y5B_E">https://nrel.zoomgov.com/rec/share/VPxi6CFPALyP7E45BF-itIB5IWADQ5YXTJLUDvLT_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/PfnAkrcv8WVv12EEPOCqCFO_oo0KQ4TgizrlVDDIUT-BafllOz--akveEpG0EoO.rf0Y4uDI77LyBBo-">https://nrel.zoomgov.com/rec/share/PfnAkrcv8WVv12EEPOCqCFO_oo0KQ4TgizrlVDDIUT-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/YH6jIEpPVYBqM5JEGD8zPaHg53D6eJKwRhlRwEYp7YBfkknAs_TlIQwO6hkFO_Mg.gqhKSLIToYNxQmT">https://nrel.zoomgov.com/rec/share/YH6jIEpPVYBqM5JEGD8zPaHg53D6eJKwRhlRwEYp7YBfkknAs_TlIQwO6hkFO_Mg.gqhKSLIToYNxQmT</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/JrFrcUJYQvaAKm1QK_InrfyJ0IJaWA8M64aa_pdWD4Qui4vNUblbJui3PGRZzy.uo7ZR8wsQYq78f8Y">https://nrel.zoomgov.com/rec/share/JrFrcUJYQvaAKm1QK_InrfyJ0IJaWA8M64aa_pdWD4Qui4vNUblbJui3PGRZzy.uo7ZR8wsQYq78f8Y</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_u7F1pQnHCax0WBkfkDB4JanWas5LkY9A2Q6Qf5_ZnQxmUKQies9AamY">https://nrel.zoomgov.com/rec/share/5b8KQRdHP4ayGuahnK9-jP_u7F1pQnHCax0WBkfkDB4JanWas5LkY9A2Q6Qf5_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/kv3KPQRtYr4oC2E-rtuyprXrTu5lp2L7ud3cFMTRg0r11cy-roTH9Tg49l-mBfLOV.sArIMKWG01kk_fxC">https://nrel.zoomgov.com/rec/share/kv3KPQRtYr4oC2E-rtuyprXrTu5lp2L7ud3cFMTRg0r11cy-roTH9Tg49l-mBfLOV.sArIMKWG01kk_fxC</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_hTANPzXM7aaiGk6akb-i2LerFIQdisGmTNYKJYbdB.3KjtrWl7uJ_tvui">https://nrel.zoomgov.com/rec/share/U3_k1B71KRJzqolBib7Rr_hTANPzXM7aaiGk6akb-i2LerFIQdisGmTNYKJYbdB.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/Z7vjMHPdSd0KLPc6bTsk2A_AtjS2d_8kzaSE4XTZac6VnKE8l-azaWQsoYcUbv.zklc--ZLcGNpIMuR">https://nrel.zoomgov.com/rec/share/Z7vjMHPdSd0KLPc6bTsk2A_AtjS2d_8kzaSE4XTZac6VnKE8l-azaWQsoYcUbv.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/SQxiW0-Y_SF2XkU6f-57dgYbUbgRjDEMKCMzrsxvTsbBdYhM9Q78I4uWo74RMnSu.xduOAOJ5f-6osjf">https://nrel.zoomgov.com/rec/share/SQxiW0-Y_SF2XkU6f-57dgYbUbgRjDEMKCMzrsxvTsbBdYhM9Q78I4uWo74RMnSu.xduOAOJ5f-6osjf</a>
3/16/2025	37 minutes	University of Minnesota	<a href="#">Biodiesel from Scum Oil and Waste Oil</a>	<a href="https://nrel.zoomgov.com/rec/share/KHCWzd_gELXj49dcz4yvuK41qHVdRB3ZecZc0KM1wKKHeq-wlplEE6RdAnRtu7p.RHB9NOD0riwk_2kD">https://nrel.zoomgov.com/rec/share/KHCWzd_gELXj49dcz4yvuK41qHVdRB3ZecZc0KM1wKKHeq-wlplEE6RdAnRtu7p.RHB9NOD0riwk_2kD</a>
3/25/2026	36 minutes	University of Connecticut	<a href="#">Metal Oxide for Electrochemical Oxidation of Methane to Liquid Fuels and Electroversion of Alkanes to Alcohols</a>	<a href="https://nrel.zoomgov.com/rec/share/ApkMpE9jIM5hslI48sfbZ4y4W1aq3uwjSNDeIoCImjd1VkkxF8zMQAD3Hp-N08z5.1OYrr_CoRSWyztN">https://nrel.zoomgov.com/rec/share/ApkMpE9jIM5hslI48sfbZ4y4W1aq3uwjSNDeIoCImjd1VkkxF8zMQAD3Hp-N08z5.1OYrr_CoRSWyztN</a>
3/25/2026	23 minutes	Texas Tech University	<a href="#">Ultrawide Bandgap Semiconductors for Extrinsic Photoconductive Switching Devices</a>	<a href="https://nrel.zoomgov.com/rec/share/fbHugHkcczt7_1SutlduSBRCCGEALpMgZun6i56rgBkQIe4DrGbXGk3D5zwAB9s.zLKNnVb7IMJ5TxbU">https://nrel.zoomgov.com/rec/share/fbHugHkcczt7_1SutlduSBRCCGEALpMgZun6i56rgBkQIe4DrGbXGk3D5zwAB9s.zLKNnVb7IMJ5TxbU</a>
3/26/2026	36 minutes	Louisiana State University	<a href="#">Enhanced Autonomous Mission System for Mobile Robots</a>	<a href="https://nrel.zoomgov.com/rec/share/lfx9rxZ2siVwzTjT2GhaLFhPgpX5GDAH93gDKPNyWiv9cgnXu09Jkr_O3M3CHYMY.CxpAfglkJqrSx7uL">https://nrel.zoomgov.com/rec/share/lfx9rxZ2siVwzTjT2GhaLFhPgpX5GDAH93gDKPNyWiv9cgnXu09Jkr_O3M3CHYMY.CxpAfglkJqrSx7uL</a>
3/27/2026	26 minutes	University of Maryland	<a href="#">Near-Critical Liquefaction-Extraction (NILE) for Biofuels</a>	<a href="https://nrel.zoomgov.com/rec/share/adPzGpUbfNFR5UgRa2my1g4-zPjIKfAkebij6eSy-qZ63IEeNpybdSPqMmJBDT5_6wnvcPz8IB4yV6B5">https://nrel.zoomgov.com/rec/share/adPzGpUbfNFR5UgRa2my1g4-zPjIKfAkebij6eSy-qZ63IEeNpybdSPqMmJBDT5_6wnvcPz8IB4yV6B5</a>

## Upcoming Webinars - new technologies available in cohort 8

Date	Time (MT)	Institution	Technology	Registration Link
4/8/2026	3:00 PM	Arizona State University	<a href="#">Power-Generating Thermogalvanic Bricks</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_8N5fYjTFGMDkbGnPX-g">https://nrel.zoomgov.com/webinar/register/WN_8N5fYjTFGMDkbGnPX-g</a>
4/14/2026	2:00 PM	Arizona State University	<a href="#">Zigzag Flow Reactor for Thermochemical Energy Storage</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_1UclgXhoQIKoKaiQFbi3IA">https://nrel.zoomgov.com/webinar/register/WN_1UclgXhoQIKoKaiQFbi3IA</a>
4/15/2026	11:00 AM	University of Delaware	<a href="#">Lignin-Derivable, Isocyanate-Free, High-Performance Thermoplastic Polyurethanes (TPUs)</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_fwWfzK9YOKhcheZ50lPQ">https://nrel.zoomgov.com/webinar/register/WN_fwWfzK9YOKhcheZ50lPQ</a>
4/15/2026	1:00 PM	University of Delaware	<a href="#">Catalytic Hydroconversion of Polypropylene-Based Plastic Waste to Lubricant Base-Oils</a>	<a href="https://nrel.zoomgov.com/webinar/register/WN_CYoWaFSYSV6x1crWvDjCw">https://nrel.zoomgov.com/webinar/register/WN_CYoWaFSYSV6x1crWvDjCw</a>
TBD	TBD	Arizona State University	<a href="#">Bio-Inspired Inspection Robot</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	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>	
			<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 Connecticut		
TBD	TBD	University of Minnesota	<a href="#">Modular Convection-Enhanced Evaporation (CEE) System for Brine Management</a>	
TBD	TBD	University of Wyoming	Materials Derived from Coal using Environmentally Friendly Solvents	

Last updated:  
March 27, 2026