

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_A22nEUtX44n7bRp4GxsrflUOS9bJou7MO_fGm3YTH03nXzFuolX_fz64_km3gpcyLElQlqv
9/16/2025	46 minutes	University of Maryland	Advanced Sorbent Membranes for Efficient Lithium Ion Extraction	https://nrel.zoomgov.com/rec/share/3zx9Tvc0t4FdOjPBGQv4LMA8Hkaa_ngMzGPY-mMBHobRkvXJ6lJx55DpmCH3n8_Kk01KkuxX8Ggff
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_clicT-KP8QAK6PuzcaFV4XoKsW9uVqxvz1CJan8lnqYXfukLJ_8jjiWeW5Rz5D3ZAn
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/_yxc7vpWPWKUsdODEN7KfWwWaN6WFla4xJM5s5BQnmcWzDq4i190rmzV_Lj13uOD_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/OyCT2JbUjltbkl3wQx_qarqpKmTcfoveyYj1ooAVFFwdDB--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/y6W2dri5H5PaSMcK4uwrflbMPKILWpdF4m0M811mMYht8gVvOfdl9xtp5NrbjSWT_y_hbMmByQyqMCCDD
9/22/2025	32 minutes	Boise State University	Methods and Processes for Manufacturing an Advanced Electrochemical Sensor	https://nrel.zoomgov.com/rec/share/VPx6CFPALyP7E45BF-iIB5IWADQ5YXTJLUDvLT_4PqX3n83Y-u8SWcoQ_kfQ_LNapCDDdhf-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/YH6jEppVYbqM5JEGD8zPaHg53D6eJkwlRjEwPY7Y8FkkaS_TlIQwQ6hKf0_Mg_qghKSLiTOYXqMtm
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/rfrcUyQvaAKm1Q_InrfyJlOJaW8M64aaj_pdWD40u4aNUblLbJui3PGRZzy_uo7ZR8wsQyq78f8Y
9/25/2025	42 minutes	University of Cincinnati	Rechargeable Liquid Metal-CO2 Battery for Large-Scale Energy Storage	https://nrel.zoomgov.com/rec/share/5b8K0BdHP4yGualhK9_iP_u7f1pQnHCx0W8Kf0B4AmWas5LkY9A2Q6Cr5_ZnQxmUKQies9AaMY
9/25/2025	37 minutes	University of Southern California	Dehydrogenation of Neat Formic Acid	https://nrel.zoomgov.com/rec/share/ky3KPQRly4bCzE-gtupvXrTu5pZL7ud3cFMTg0r_1c1y-roTH9Tq49i-mBfLOV_sArIMKWG01kk_fxC
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/UJ3_k1B71KRZq0Bib7Rr_hTANPzXM7aaGIK6akb-i2LerFIQdisGmTnyKJYbdB_3KjtrWl7uj_tvui
9/26/2025	36 minutes	Colorado State University	Preventing the Clogging of Crude Oil Pipelines	https://nrel.zoomgov.com/rec/share/Z7viMHPdSd0KLPc6bTsk2A_AtIS2d_8kzaEE4XTZac6VnKE8I-azaWQsoYUubv_zkic-ZLcGNpiMuR
9/26/2025	40 minutes	University of Connecticut	AI-Powered All-in-One Solid-State Compact Mill-Electrode Arrays (MEA) for Real-Time In-Situ Nitrogen Monitoring	https://nrel.zoomgov.com/rec/share/SQxTWO-Y_SfzXkU6f-57dgYbUbgRjDEMCKMzrsxVTsbDyhm9Q784uWo74RMmns_uoADO5jlf-6osjf
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/KHCWzd_gELX49dzc4yvuk41qHVdRB32ecZx0KM1wKKHeq-wLpIE6RdANwRtu7p_RHB9NODrirkw_2kD
3/16/2025	37 minutes	University of Minnesota	Biodiesel from Scum Oil and Waste Oil	https://nrel.zoomgov.com/rec/share/ApkMpE9IMShsI4Bsfz4Y4w1aqq3uwjSNDeloCmjd_a1Vxf8zMQAD3Hp-N08z5_1OYrr_CoRSWyztN
3/25/2026	36 minutes	University of Connecticut	Metal Oxide for Electrochemical Oxidation of Methane to Liquid Fuels and Electroversion of Alkanes to Alcohols	https://nrel.zoomgov.com/rec/share/fBHuHgkccz17_1SutlduSBRCGEGALpMgZun6i56rgBkQie4DrGbxGk3D5zwAB9s_zLKNVb7lJM5tXU
3/25/2026	23 minutes	Texas Tech University	Ultrawide Bandgap Semiconductors for Extrinsic Photoconductive Switching Devices	https://nrel.zoomgov.com/rec/share/fY9rxZ2sVwzTj2GhaLfhPpXSGDAH93gDKPNyWv9cgnXu09jR_O3M3CHYMY_CxpAglkIjKjSx7uL
3/26/2026	36 minutes	Louisiana State University	Enhanced Autonomous Mission System for Mobile Robots	https://nrel.zoomgov.com/rec/share/adPZgPUBfFRFR5UgRa2my1g4-zPjIKfAkebij6eSy-gZ63IEfNpybdSPgMmJBDT5_6wncPz8JBJ4V6B5
3/27/2026	26 minutes	University of Maryland	Near-Critical Liquefaction-Extraction (NILE) for Biofuels	https://nrel.zoomgov.com/rec/share/EvnVT-yhEXCN13mdO1naU6AdM7ka0Fwrn_WCAIb5RWLuM0vKd9Iz60IU2Y71G_igbzWw1n3H5WQRBr
4/8/2026	40 minutes	Arizona State University	Power-Generating Thermogalvanic Bricks	https://nrel.zoomgov.com/rec/share/h7M76AcKubsrzYzBgdz94miak_IWzZ_HU-yp3Zv_NMY5akKRaJfP0rc0W384h_xWhEWgRgYggJwaQn
4/14/2026	42 minutes	Arizona State University	Bio-Inspired Inspection Robot / Bio-Inspired Robot for Tube Inspection Note that these two technologies are complementary and have been combined, additional details on the second technology are available at: https://skyseninnovations.com/technology/bio-inspired-robot-for-tube-inspection/	https://nrel.zoomgov.com/rec/share/3HmKmQ86EXe8lfd8gtukjUMnN6mRKZzj9M6T75pd67CzRtZ8e92blL8PQzPE87_Wqci8Z1OmbFT5fxu
4/14/2026	55 minutes	Arizona State University	Zigzag Flow Reactor for Thermochemical Energy Storage	https://nrel.zoomgov.com/rec/share/Wy-JdMgQ6rFYMINPCxYndFjYTM9otGy8LzY6oJAU905ZQm0vS0w2HM886tsqFLjnuy67cN5rIqVzza
4/15/2026	26 minutes	Arizona State University	Amphibious Pipe Inspection Robot	https://nrel.zoomgov.com/rec/share/wk8_RXDu2FoWgdBwQO8B_1HcYWGoiY2XQTM52YIC6yKetFh0Np2QsdGnizDVM6E_bMD8eCzoIa0BvYT
4/15/2026	55 minutes	University of Delaware	Lignin-Derivable, Isocyanate-Free, High-Performance Thermoplastic Polyurethanes (TPUs)	

Upcoming Webinars - new technologies available in cohort 8

Date	Time (MT)	Institution	Technology	Registration Link
TBD Pending Reschedule	TBD	University of Delaware	Catalytic Hydroconversion of Polypropylene-Based Plastic Waste to Lubricant Base-Oils	
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	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		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 Connecticut	Modular Convection-Enhanced Evaporation (CEE) System for Brine Management	
TBD	TBD	University of Minnesota	Materials Derived from Coal using Environmentally Friendly Solvents	
TBD	TBD	University of Wyoming		

Last updated: April 15, 2026