

Chevron Studio Cohort 7 Intellectual Property Orientation Webinars

Previous Recordings - includes technologies available as part of cohort 6 and still available for selection in cohort 7

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
9/6/2024	53 minutes	Washington State University	A Novel Sequential Catalytic Solvolysis Process for Deconstructing Waste Plastics	https://nrel.zoomgov.com/rec/share/PJPmbLLoIn97V9ZzKhNPt4iI80vf5rc4bv3CnuGccHLkyaH2POi1a7K5lr9ziRi8.3Jj7QDwtuy_4rg90
3/20/2025	35 minutes	University of Connecticut	Electrochemical Hydrogen Separation and Recovery by Non-Platinum Group Metal Catalyst (α-MoO3) on High-Temperature Proton Exchange Membrane Fuel Cell Stacks	https://nrel.zoomgov.com/rec/share/owSueG6tJBdxoJ6yvNBaKnhClKdhldXOErbEwsJaJOFT5WK9yc8hie_wTuvAAKY.DRIjQLllw9RkQbur
3/20/2025	40 minutes	Penn State University	Additive Manufacturing and Post-processing of Branching Heat Pipes	https://nrel.zoomgov.com/rec/share/EK3h5fyxYhHN3Hus5SVTushPEncEPSoRGZrK6WZGUvs5GJz33Xh1ytqKeBrrOMf-.oUIN8fJ6EHy5rzPq
3/24/2025	30 minutes	Georgia Tech University	Nonpremixed, Rich, Relax, Lean Combustor	https://nrel.zoomgov.com/rec/share/6x_9a2PXcK418ZEgugJ9rHs-2IWNwbJLb4kCLQ99zr6u2T76UNmNcjAQQvJzAlm9.RP0wgQ-U6ffvVrtX
3/24/2025	39 minutes	Rice University	Self-Looped Electrochemical Recycling of Spent Lithium-Ion Battery Cathodes to Manufacturing Feedstocks	https://nrel.zoomgov.com/rec/share/PNwSQuCpNXNDDL9IY96qQ2mldBD6EZ4oy_Ojku6_vI325QilMdx0bbG4P37yWZe6.AVSraBg-lo-N0QO_
3/31/2025	30 minutes	Oklahoma State University	Long Range Flat Wing UAV that Inductively Recharges Using Powerlines - PowerLine Unmanned Surfer (PLUS)	https://nrel.zoomgov.com/rec/share/dNiyIFzEOZXMQOhsAEiGB0Ink8tnpDC9pFIUMJyiobyl_oxC5ArVMGR1znPrNJ3Nb.SixNpty0aSkpgjXC
3/31/2025	30 minutes	Rice University	Dual-Function Electrically Conductive Membranes for Efficient Water Production and Fouling Reduction	https://nrel.zoomgov.com/rec/share/PWjMPFTqTfh4mWQNpazE9EeTTzjXrJsFd3ylckvLapTiJuYtBScubmjWr5yP4P8s.GPwd9tUacbdOVWIX
4/9/2025	35 minutes	Texas A&M University	Hydrogen Energy Storage via Plasma-Based Technology	https://nrel.zoomgov.com/rec/share/7v6Kje_XcWn-WEJLlePVgR_B4FasTwukbihWevPEQSVgn2YPOjjq2v468mDGeChj.ZYqQk_jSGPBWb4DT
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_A22nEUtX44n7bRp4GxsrfLIO9bJoU7MO_fg_m3YTh03rxzFuolxX_fz64.km3qpcylELqDIqvj
9/16/2025	46 minutes	University of Maryland	Advanced Sorbent Membranes for Efficient Lithium Ion Extraction	https://nrel.zoomgov.com/rec/share/3zx9Tvc0ti4FdOJpBGQv4LMA8hKaa_ngMzGPY-mMBHobRkvXJl6JIsX5DpmCH3n8.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-KP8QAK6PuJzcafVX4oKsW9uVqxIz1CJant8InqYXfuLKJ.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/_yxc7vpPWPkUsdODEN7kfWwAn6WFla4xJM5sSbQnmcWzDq4i190rmzV_LIj13uOD.CRb1B137k-lQiZW7
9/18/2025	40 minutes	University of Minnesota	Heat to Electricity Using Phase Transformations in Ferroelectric Oxides	https://nrel.zoomgov.com/rec/share/OyCT2JbUyJltbkJ3wQx_qarqpKmTcFovveyYj1ooAVFFwdDB--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_hbMmByQvgMCCDD
9/22/2025	29 minutes	University of Cincinnati	Pretreatment for Improved Fermentability of Lignocellulosic Biomass	https://nrel.zoomgov.com/rec/share/ZBzF03829gSxRAymKbSHG_4xhx3wTBJX8Amk7yfyfmyqWDCICz58W_XL6uBQ40vP3.cuAwplC2aOAFIVrJ
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.LNapCODDhf-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/PfnAkrjcV8WVI2EEPQ0CqFO_oo0KQ4TgizrlvTDDIUT-BafIIQz--akveEpG0EoO.rf0Y4uDI77LyBB0-
9/23/2025	32 minutes	University of Illinois Urbana-Champaign	Adaptive Control for Uncertain Nonlinear Multi-Input Systems in the Presence of Significant Cross Coupling with Guaranteed Performance	https://nrel.zoomgov.com/rec/share/ISWb26w-O8IsEYpXTvHRMGjUcFTKM21E-6wCjCijLZrCkbn32XihRe3Slw4iniHr.9yYiF4KfY58yBrBz
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/YH6jJEpPVYBqM5JEGD8zPaHg53D6eJKwIRhJEwYP7YBFkknAs_TIIQwO6hkFO_Mg.qghIKSLIToYNxQmT
9/24/2025	38 minutes	University of Cincinnati	High-Voltage and High-Energy- Density Membrane-Free Redox Flow Batteries	https://nrel.zoomgov.com/rec/share/39Aqs9HmosgnYjWeGR1fb71APpnpSC8RMu2j3MPXi7voCxOIQdSlvm10D2SxKBS7.hLaLFYrcXPPJcnfk
9/25/2025	42 minutes	University of Cincinnati	Rechargeable Liquid Metal-CO2 Battery for Large-Scale Energy Storage	https://nrel.zoomgov.com/rec/share/JrFrcoUYQvaAKm1Q_INrfyJOIJaWA8M64aaj_pdWD4Oui4vNUblLbJui3PGRZzy.uo7ZR8wsQYq78f8Y
9/25/2025	37 minutes	University of Southern California	Dehydrogenation of Neat Formic Acid	https://nrel.zoomgov.com/rec/share/5b8KQRdHP4ayGuahnK9-iP_u7F1pQnHCax0WBkfKdB4jAnWas5LkYY9A2Q6Qr5_.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-gtuypXrTu5lp2L7ud3cFMTRg0r11cy-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-i2LerFIQdislGmTnYKYJYbdB.3KjtrWI7ujJ_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/Z7vjMtHPdSd0KLPc6bTsk2A_AtjS2d_8kzaSEE4XTZac6VnKE8l-azaWQsoYcUbv.zklc--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/SQxIWO-Y_SFzXkU6f-57dgYbUbgRiDEMKCmzrsxVTsbDyHm9Q78I4uWo74RMnSu.xduOAOsJlf-6osjf
9/26/2025	52 minutes	Colorado State University	Advanced Controller Utilizing Natural Gas Engines for Microgrid Systems	https://nrel.zoomgov.com/rec/share/z5dZyn5A3e5ALdrREbdkZgTV70iuFSWUAScXN5NYIflyZ0cnFk7zLJGW0pGiK1L.ipn9q1NQCNIQ37fy
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	N/A