

Monday (May 19, 2025)				Tuesday (May 20, 2025)				Wednesday (May 21, 2025)				Thursday (May 22, 2025)			
Technical Forum Breakfasts				Technical Forum Breakfasts				TAC Breakfast Meetings				Technical Forum Breakfasts			
7:00 AM								(1) Digital Transformation through Artificial Intelligence, Machine Learning, Simulation, and Data Science in the Thin Film Industry, and (2) Process Monitoring, Control, and Automation Atomic Layer Processing (ALP) Cheswood B				7:00 AM			
TFB: Manufacturing in Space Nick Franzer (Kurt J. Lesker Company) / Ken Savin (Redwire Space Co.) Cheswood A				TFB: Industrial Challenges: Uptime, Yield, & Consistency Nick Franzer (Kurt J. Lesker Company) / Jimmy Haight (Semicon) Cheswood A				(1) High Power Impulse Magnetron Sputtering, and (2) Thin Film Contributions for the Hydrogen Economy Cheswood C				TFB: Digital Transformation of Industrial Deposition Processes Holger Gerdes (Fraunhofer-IST) / Thomas Schütze (Plasson GmbH) Cheswood A			
TFB: Protective, Reflective, and Decorative Coatings Martin Engels (Donbond) / Anas Ghallane (Avalara) Cheswood B				TFB: Leak Detection - Issues and Practices Mike Ridouni (Leibold USA) / Jean-Pierre Deluca (BOD Redwood) Cheswood C				(1) Coatings and Processes for Biomedical Applications, and (2) Organic and Perovskite Electronics Cheswood D				TFB: Aligning Deposition Process Requirements with Vacuum System Layout and Design Wolfgang Decker (Kurt J. Lesker Company) / Jimmy Haight (Semicon) Cheswood B			
TFB: Transparent Conductive Materials (TCM) Clark Bright (Bright Thin Film Solutions, LLC) / Patrick Morse (Arizona Thin Film Research LLC) Cheswood C				TFB: Coatings and Surface Engineering for Medical Applications Jeff Hettiger (Rowan University) / Greg Taylor (Lawrence Livermore National Laboratory) Cheswood E				Optical Coatings Cheswood E				TFB: Optical Thin Film Design and Fabrication Ulrike Schulz (Fraunhofer-IST) / Ragny Perthe (Vikta) Cheswood C			
TFB: Atmospheric Plasma Technology Hana Barankova (Uppsala University) / Ludžar Bando (Uppsala University) Cheswood C				TFB: Magnetron Sputtering Wilmet De Bosscher (Soleras Advanced Coatings) / Patrick Morse (Arizona Thin Film Research LLC) Cheswood F				Coatings for Energy Conversion and Related Processes Cheswood F				TFB: Advanced Deposition Coating Hardware Frank Papa (OP Plasma, LLC) / Raff Bandorf (Fraunhofer-IST) Cheswood F			
TFB: Post-Processing of Vacuum-Coated Roll-to-Roll Products Andy Jack (Emerson and Renwick Ltd.) / Chris Stoeszel (StoeszelConsulting) Cheswood G				TFB: Energy Conversion and Storage Volker Sittinger (Fraunhofer-IST) / Christian Stain (Fraunhofer-IST) Cheswood G				Protective, Tribological and Decorative Coatings Cheswood G				TFB: Coatings for Thin Film Photovoltaics Volker Sittinger (Fraunhofer-IST) / Stefan Sager (Fraunhofer-FEP) Cheswood G			
TFB: Surface Engineering for the Hydrogen Economy Raff Bandorf (Fraunhofer-IST) / Herbert Gabriel (PVT Plasma and Vakuum Technik GmbH) Cheswood H				TFB: Electron Beam Processes Mark Nelman (Nelman Technology, Inc.) / Stefan Sager (Fraunhofer-FEP) Cheswood H				Large Area Coatings Cheswood H				TFB: CVD and ALD Processing Matt Weimer (OrganoNan) / Jacob Berni and (Maxima Sciences) Cheswood H			
TFB: Supply chains, manufacturing processes, and sustainability for materials enabling PVD processes David Sanchez (Materion) / Christos Peragidis (Avalara) Belmont A				TFB: Process Monitoring & Control Martyna Audronis (Nova Fabrica, Ltd.) / Sun Hwan Lee (Korea Institute of Materials Science) Cheswood H				(1) Quantum Computing, and (2) Organic and Perovskite Electronics Belmont A				TFB: Thin Film Sensors Jason Hebb (Kurt J. Lesker Company) / Birbin Wang (University of Oklahoma) Belmont A			
TFB: Durability Evaluation of Thin Film Coatings: Testing Methods and Practical Implications Brent Boyce (Guardian) / Anelita Wickelmaier (Tosac Trüsch) Belmont B				TFB: High Power Impulse Magnetron Sputtering (HIPIMS) Aurélien P. Dhassalain (Sheffield Hallam University) / Raff Bandorf (Fraunhofer-IST) Belmont A				Plasma Processing and Diagnostics Belmont B				TFB: Ultra-thin Flexible Glass - the next big thing? Chris Stoeszel (StoeszelConsulting) / Jörg Neidhardt (Fraunhofer-FEP) Belmont B			
TFB: Tribological and Diamond-Like Coatings George Savva (Hilbon, Inc.) / Lars Hausbold (Fraunhofer USA) Belmont B								(1) Thin Film Sensors, (2) Emerging and Translational Technologies and Applications, and (3) WebTech Roll-to-Roll Technologies and Innovation Ralf Meade C/D							
								(1) Electron Beam Processes, (2) Two-Dimensional (2D) Materials and Heterostructures - Applications, Large-Scale Growth and Advanced Characterization, and (3) Selective Atomic Scale Processes Magnolia Boardroom B							
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