Monday (April 27, 2026)

Technical Forum Breakfasts

TF1: Advanced Wafer Technology
Hana Bardekova (Uppsala University) / Lassiana Bardos (Uppsala University)
Long Beach Convention Center Promenade: 102 A

TF8: Coatings and Surface Engineering for Medical Applications
Jeff Hettinger (Rowan University) / Greg Taylor (Lawrence Livermore National Laboratory)
Long Beach Convention Center Promenade: 102 B

TF9: High Power Impulse Magnetron Sputtering (HiPIMS)
Arutiun P. Ehiasarian (Sheffield Hallam University) / Ralf Bandorf (Fraunhofer-IST)
Long Beach Convention Center Promenade: 102 C

TF6: Photonically Induced Surface and Thin Film Processing
Christopher Muratore (UDRI) / Ralf Bandorf (Fraunhofer-IST) / Hyatt Regency: SeaView Ballroom A

TF9: Durability Evaluation of Thin Film Coatings: Testing Methods and Practical Implications
Brent Boyce (Guardian,) / Anelia Wilkerkin (Glas Trösch)
Hyatt Regency: SeaView Ballroom B

TF9: Transparent Conductive Materials (TCM)
Clark Bright (Bright Thin Film Solutions, LLC) / Patrick Morse (Arizona Thin Film Research, LLC)
Hyatt Regency: SeaView Ballroom C

7:30 AM	LRCC Promenade 104A (Program track daily room assignment)	LRCC Promenade 104B (Program track daily room assignment)	LRCC Promenade 105C (Program track daily room assignment)	LRCC Promenade 101A (Program track daily room assignment)	LRCC Promenade 101B (Program track daily room assignment)
8:00 AM	10-minute passing break				
8:10 AM	Compact Business Meeting (30 minutes) (LRCC Promenade 104B)				
8:40 AM	10-minute passing break				
8:50 AM	Director of Program Welcome and Conference Introduction (LRCC Promenade 104B)				
9:00 AM	Keynote (LRCC Promenade 104B) Sustainability and Life Cycle Thinking as Innovation Drivers for Surface Engineering (Christoph Herrmann - Fraunhofer-IST)				
9:20 AM	20-minute refreshment break				
9:40 AM	Large Area Collequium "Doing new life to old useless. Misdetermination of coatings for new demands"	Characterization, Testing, and Failure Analysis (CT): Air Dry and Sea Water Corrosion of AZ91 Mn Coated Magnesium Alloy Substrates (Lukish Mishra - Polytechnique Montreal)	Plasma Processing and Diagnostics (PP): Results Using Unpolarized DBD Plasma Jet as a Novel Remote Control System Demonstrated for the TEM-DRIE System (Erika Mascia - Dai Nippon Printing Co., Ltd.)	HiPIMS: Technology which makes industrial revolution commercially real (Zdenecz Tomel - JK Master Techno Coating R.V.)	Advanced Multifunctional Coatings (AmMC): Advanced Multilayer Low Friction Coatings for Automotive and Wind Applications (Micah Hotan - Argonne National Laboratory)
10:00 AM		Characterization, Testing, and Failure Analysis (CT): Electrochemical Behavior of Cr-Free Conversion Coatings Implemented Locally on Cast Zinc Alloy Surfaces (Zaeeha Iqbal - Sheffield Hallam University)	Plasma Processing and Diagnostics (PP): Tuning the Properties of PLD Films Prepared by Ion Beam Assisted Deposition (IBAD) Using Ion Beam Etching (Zdeněk Hubička - Polytechnic Montreal)	Comparative Study of Growth and Properties of Tiny Thin Films Deposited by Conventional and Pulsed HiPIMS (Jose Gholizer - Aviatum Coating Technologies GmbH & Co. KG)	
10:20 AM		Characterization, Testing, and Failure Analysis (CT): Electrochemical Behavior of Cr-Free Conversion Coatings Implemented Locally on Cast Zinc Alloy Surfaces (Jan Wilkner - Universität Kassel)	Plasma Processing and Diagnostics (PP): Tuning the Properties of PLD Films Prepared by Ion Beam Assisted Deposition (IBAD) Using Ion Beam Etching (Zdeněk Hubička - Polytechnic Montreal)	Advanced Multifunctional Coatings (AmMC): Antimicrobial Efficiency of Sputtered Antibacterial Coatings Based on Silver Nanoparticles and Nanoalloys (Jaroslav P. Kharaziyan - Sheffield Hallam University)	Advanced Multifunctional Coatings (AmMC): Advanced Multilayer Low Friction Coatings for Automotive and Wind Applications (Lara Mangarelli - Politecnico di Milano)
10:40 AM		Characterization, Testing, and Failure Analysis (CT): Electrochemical Behavior of Cr-Free Conversion Coatings Implemented Locally on Cast Zinc Alloy Surfaces (Ana Dias - Universidade Federal do Rio Grande do Sul)	Plasma Processing and Diagnostics (PP): Plasma Activated Electrodeposition of Ni-W Alloy Coatings Towards Volume Production of Metallic Bipolar Plates and Interconnects for PEM/SOEC Applications (Kamal Sabbor - Hiltmer)	Rapid Sine Optimization and Modeling of Pulsed Sputtering Using Fuzzy Rule-Based Spectroscopic and Electrical Plasma Process Control (Thomas Schäfer - Plasmatrix GmbH)	Advanced Multifunctional Coatings (AmMC): Advanced Multilayer Low Friction Coatings for Automotive and Wind Applications (Valdira Arnolli - Sportus University)
11:00 AM	Large Area (LT): Vacuum Deposited Solid-State Thin Film Batteries (Teresita Kamiyama - IMERA)	Characterization, Testing, and Failure Analysis (CT): Electrochemical Behavior of Cr-Free Conversion Coatings Implemented Locally on Cast Zinc Alloy Surfaces (Ruth Lukat - Anton Paar USA Inc.)	Plasma Processing and Diagnostics (PP): Plasma Activated Electrodeposition of Ni-W Alloy Coatings Towards Volume Production of Metallic Bipolar Plates and Interconnects for PEM/SOEC Applications (Kamal Sabbor - Hiltmer)	HiPIMS [Invited]: Towards Reactive Gas Pulsing Strategies for Functional Nitrides - The Role of Metal Ions in Plasma Activated Reactive Environments (Tetsuhide Shimizu - Tokyo Metropolitan University)	Advanced Multifunctional Coatings (AmMC): Advanced Multilayer Low Friction Coatings for Automotive and Wind Applications (Lara Mangarelli - Politecnico di Milano)
11:20 AM	Large Area (LT): Electrochromic Thin Film Batteries Fabrication Using Electrodeposition and Electrochemical Deposition of LiMnO for Thin Film Batteries Applications (Pedro Prada - Plasma Computers Materials GmbH)	Characterization, Testing, and Failure Analysis (CT): Graphite Electrodes Modified by Electrochemical Deposition of LiMnO for Thin Film Batteries Applications (Pedro Prada - Plasma Computers Materials GmbH)	Plasma Processing and Diagnostics (PP): Graphite Electrodes Modified by Electrochemical Deposition of LiMnO for Thin Film Batteries Applications (Alberto Mirando - RWTH Aachen University)		Advanced Multifunctional Coatings (AmMC): Advanced Multilayer Low Friction Coatings for Automotive and Wind Applications (Lara Mangarelli - Politecnico di Milano)
11:40 AM	40-minute passing / lunch break				
12:00 PM	Zero-Motion Tomorrow (LRCC Promenade 104B) From Poisoned Targets to Healthy Models: The Quest for Parameters (Diederik Depla - Ghent University)				
12:20 PM	10-minute passing break				
12:30 PM	Large Area (Emitter): Mass Production of Inorganic and Organic Coatings for Display Cover Glass (Alexei Mochar - Corning Inc.)	Characterization, Testing, and Failure Analysis (CT): Hollo-Optical Pyrometer: Virtually Measurement for Thin Film Temperature (Tim Quickel - Advanced Energy)	Coatings and Processes for Biomedical Applications (BT): Estimating the Lifetime of the Antimicrobial Property of Silver Containing Thin Film Coatings Using Accelerated Environmental Characterization (Steven Shimpalee - Nanom Genomics)	HiPIMS: Technology where industrial revolution commercially real (Zdenecz Tomel - JK Master Techno Coating R.V.)	Advanced Multifunctional Coatings (AmMC): Advanced Multilayer Low Friction Coatings for Automotive and Wind Applications (Micah Hotan - Argonne National Laboratory)
1:00 PM		Characterization, Testing, and Failure Analysis (CT): Stresgard Quasperimeter Superstructure is Which with Given Mean Stress (Jan Bach Jeler - Kiana Research Institute of Standards and Science)	Coatings and Processes for Biomedical Applications (BT): Electrically Reactivated Titanium Electrodes with Integrated Antibacterial Properties for Implantable Neurostimulation Devices (Arif Parvez - Nanom Genomics)	Two Resolved Investigations on Ion Fluxes, Ionization Degree, and Plasma Potential Measurements in HiPIMS Discharges (Ralf Bandorf - Fraunhofer-IST)	HiPIMS [Invited]: Through Glass Via Metallization by Using HiPIMS Copper Layer Deposition Process (Ali Reza Ebrahimi - Fraunhofer-IZM) OPPORTUNITY STUDENT PRESENTATION
1:20 PM	Large Area (LT): Beam Plasma Source Enhanced Deposition of High- and Low-Index Optical Coatings (Jaroslaw Jaszczak - Michigan State University)	Characterization, Testing, and Failure Analysis (CT): Controlled Synthesis of 2D TiNbs with Tunable Magnetic and Electrochemical Properties (Zhong Xiao Chen - National University of Taiwan)	Coatings and Processes for Biomedical Applications [Invited]: From Tetracycline to Bimetals - Closing the Loop with Thin Films (Matthew Magnuson)		HiPIMS [Invited]: Advanced HiPIMS Coating Equipment for High-Performance Cutting Tools and Wear Protection Applications (Wei Zhao - Guangdong Huizhong Jeomtechnology) OPPORTUNITY STUDENT PRESENTATION
1:40 PM	Large Area (LT): Smoking Lamps Area Advanced Packaging Through Epitaxy-In Situ Monitoring and Control (Ivan Ivanov - Aixtron) (Hybrid - Lecture - Kim)	Characterization, Testing, and Failure Analysis (CT): Optical Characterization of the Growth of Ultra-Thin Metal Films (Philip Dalhedde - Polytechnique Montreal)			HiPIMS [Invited]: Reactive Sputtering Discharge Dynamics by Pulse Sequencing in Industrial Scale Deposition (Erdong Shen - Tokyo Metropolitan University)
2:00 PM	20-minute break				
2:20 PM	Large Area (LT): Scalable Manufacturing of Quartz Surrounding Low-E Glass via Production Level Lithography (Suzanne Gray - Lightscriptum Corp.)	Characterization, Testing, and Failure Analysis [Invited]: Non-Destructive in Spectroscopic Ellipsometry (Aaron Ellison - J.A. Woollam Co.)	Overflow (OE)	HiPIMS Colloquium "The Innovation Spiral of HiPIMS Towards Industrialization"	Photonically Induced Transformations of Thin Films [Invited]: Photonic Flash Processing of Printed Silicon Flexible Substrates (Mark Pulley - SAMP Illumination University)
2:40 PM	Large Area (LT): Rolling Large - Production Scale Deposition of Layer Thickness Distribution in Large Area Magnetron Sputtering (Eric Kabbendi - Fraunhofer-IST)	Characterization, Testing, and Failure Analysis (CT): Advances in the Quick Screening of EPD and Other Types of Coatings (Matthias Schmidt - Bright Tooling Solutions)	Quantum Computing [Invited]: Complete Coordination Control with Dark Matter Superconducting Circuits (Jiansonnen Fak - University of Southern California)		Overflow (OE)
3:00 PM	Large Area (LT): High-Throughput Large Area Coating Using a Crescent Type Sputtering System (Tetsuya Sugawara - Shincron Co., Ltd.)	Characterization, Testing, and Failure Analysis (CT): Correlated Latin Hypercube and Kernel Ridge Regression Approach for Gas/Solid Thin Films (Nicolas Fox - Fraunhofer)	Overflow (OE)	Overflow (OE)	Overflow (OE)
3:20 PM	20-minute break				
3:40 PM	Sunset Meeting Forums				
4:00 PM	SMF: Advanced Deposition Coating Hardware Frank Papa (IDP Plasma, LLC) / Ralf Bandorf (Fraunhofer-IST) Long Beach Convention Center Promenade: 102 A SMF: Advanced Multifunctional Coatings: Integrating Vacuum and Electrochemical Deposition L. Magagnin (Politecnico Milano) / J. Alami (UMAP) Long Beach Convention Center Promenade: 102 B SMF: Materials for PVD processes David Sanchez / Christos Pernagidis (Avalaue) Long Beach Convention Center Promenade: 102 C SMF: Characterization, Testing and Failure Analysis of Thin Films, Coatings and Engineered Surfaces Matt Linford (Brigham Young University) / Oleg Zabeda (Ecole Polytechnique Montreal) / Dehua Yang (Diatecs) Hyatt Regency: SeaView Ballroom B SMF: Large-Area Advanced Packaging and Integrated Photonics Patrick Morse (Arizona Thin Film Research, LLC) / Michaela Jungbihler (Fraunhofer-ASSIST) Hyatt Regency: SeaView Ballroom C				
5:20 PM	1hr 40 min Dinner Break 6:20 - 8:00 PM				
8:00 PM	Casino Night Fundraiser (Hyatt Regency - Beacon Ballroom) 8:00 - 10:00 PM				
10:00 PM					

Tuesday (April 28, 2026)

Technical Forum Breakfasts

TF8: Lab Detection - Issues and Practices
Mike Ridemer (Jacobsen USA / Jean-Pierre Delaux (Bilz Reclewood)
Long Beach Convention Center Promenade: 102 A

TF9: Industrial Challenges: Uptime, Yield, & Consistency
John Neyhar (Kurt J. Lesker Company) / Jimmy Haight (Semicera)
Long Beach Convention Center Promenade: 102 B

TF9: Magnetron Sputtering
Wilmert De Bouvitie (Solaris Advanced Coatings) / Patrick Morse (Arizona Thin Film Research, LLC)
Long Beach Convention Center Promenade: 102 C

TF9: Process Monitoring & Control
Martynas Audronis (Nova Fabrica, Ltd.) / Edmund Schulzgi (VAT Group)
Hyatt Regency: SeaView Ballroom A

TF9: Energy Conversion and Storage
Volker Sittinger (Fraunhofer-IST) / Stefan Sauger (Fraunhofer-FEP) / Rio Shimchuck (MSE)
Hyatt Regency: SeaView Ballroom B

TF9: AI/I for Optics
Chris Cook (Edmund Optics) / Gabriel Sanchez
Hyatt Regency: SeaView Ballroom C

7:30 AM	LRCC Promenade 104A (Program track daily room assignment)	LRCC Promenade 104B (Program track daily room assignment)	LRCC Promenade 105C (Program track daily room assignment)	LRCC Promenade 101A (Program track daily room assignment)	LRCC Promenade 101B (Program track daily room assignment)
8:00 AM	10-minute passing break				
8:10 AM	Awards Ceremony (LRCC Promenade 104B) 8:40-9:20 AM				
8:40 AM	10-minute passing break				
9:00 AM	Advanced Multifunctional Coatings (AmMC): Powder Atomic Layer Deposition and Low Temperature Sp Coatings on Battery Jar Materials (Christopher Ewing - Forge Nano)	Organic and Perovskite Electronics (OmsE): Achieving Ground-Breaking Performance in Perovskite Thin Films by Physical Vapour Deposition (Jay Patel - King's College London)	Process Monitoring, Control, and Automation (PC): From Legacy to Industry 4.0 - Retrofitting Sensor Cluster with Edge Control Workflow (Alexander Schmidt - SUMOTO GmbH)	HiPIMS [Invited]: Industrial HiPIMS - Practical Challenges, Trends and Innovations (Rafael Gonzalez Rodriguez - Ionautics)	Thin Film Contributions for the Hydrogen Economy (Invited): Coatings, Gas or Steam? Opportunities and Challenges in Coated Substrates for Industrial Scale-Up (Bodhi Kuguo Liao - Schaeffler Technology)
9:20 AM		Organic and Perovskite Electronics (OmsE): Cross Processing for Perovskite Photovoltaics: Therapeutic Effect of Phosphorylcholine Additive Passivation Thin Films and Devices (Ziyu Fan - University of Oxford)	Process Monitoring, Control, and Automation (PC): Fast Legacy Integration for Smart Factories: Retrofitting Sensors and Edge Analytics (Marlon Kuhn - Sensorfactory)	HiPIMS [Invited]: 3D MALL With Capacitively Coupled Plasma Etching Following Laser Modification to Form Through-Glass Via (Hongbo Kai Chen - Stony Brook University)	
9:40 AM	Advanced Multifunctional Coatings (AmMC): Composition Gradient Tribological Coatings Using Cathodic Arc Evaporation: Insights from Electrochemical and Processed Methods (Rahul Dodd - TU Wien)	Organic and Perovskite Electronics (OmsE): Cross Processing for Perovskite Photovoltaics: Therapeutic Effect of Phosphorylcholine Additive Passivation Thin Films and Devices (Ziyu Fan - University of Oxford)	Process Monitoring, Control, and Automation (PC): Fast Legacy Integration for Smart Factories: Retrofitting Sensors and Edge Analytics (Marlon Kuhn - Sensorfactory)	HiPIMS [Invited]: HiPULSE™ – Positive ELO Pulsing for Metallic Coatings on Inner Surface of Small Diameter Long Tubing (Jan Bichelmaier - Sulzer Metaplas)	Thin Film Contributions for the Hydrogen Economy (Invited): Hydrogen Transport Through Thin Metal Membranes (Ivan Vlassiouk - Schaeffler Technology)
10:00 AM	Advanced Multifunctional Coatings (AmMC): Composition Gradient Tribological Coatings Using Cathodic Arc Evaporation (Jaroslav Lukes - Vacuum Studio)	Organic and Perovskite Electronics (OmsE): Stabilizing Defect-Rich Metal Halide Perovskite Films Through Ligand Engineering (Ruoxi Qian - Stanford University)	Process Monitoring, Control, and Automation (PC): Edge Analytics for Predictive Maintenance: Anomaly Detection on Industrial Sensor Streams (Ahmed Ghazal - Sensorfactory)		Thin Film Contributions for the Hydrogen Economy (Invited): Hydrogen Transport Through Thin Metal Membranes (Ivan Vlassiouk - Schaeffler Technology)
10:20 AM	20-minute refreshment break				
10:40 AM	Advanced Multifunctional Coatings (AmMC): Tribological Performance Testing of DLC and CrN Coatings: Insights from Electrochemical and Processed Methods (Rahul Dodd - TU Wien)	Organic and Perovskite Electronics (OmsE): Beyond Traditional High-Power Impulse Magnetron Sputtering (Sven Heptenstall - Trumpf Hüttinger GmbH + Co. KG)	Process Monitoring, Control, and Automation (PC): Edge Analytics for Predictive Maintenance: Anomaly Detection on Industrial Sensor Streams (Mahyar Arzehgar - Nova Fabrica Ltd)	HiPIMS [Invited]: Beyond Traditional High-Power Impulse Magnetron Sputtering (Sven Heptenstall - Trumpf Hüttinger GmbH + Co. KG)	Thin Film Contributions for the Hydrogen Economy (Invited): Hydrogen Transport Through Thin Metal Membranes (Ivan Vlassiouk - Schaeffler Technology)
11:00 AM	Advanced Multifunctional Coatings (AmMC): Tribological Performance Testing of DLC and CrN Coatings (Jaroslav Lukes - Vacuum Studio)	Organic and Perovskite Electronics (OmsE): Stabilizing Defect-Rich Metal Halide Perovskite Films Through Ligand Engineering (Ruoxi Qian - Stanford University)	Process Monitoring, Control, and Automation (PC): Edge Analytics for Predictive Maintenance: Anomaly Detection on Industrial Sensor Streams (Mahyar Arzehgar - Nova Fabrica Ltd)	HiPIMS [Invited]: Industrial Scale Deposition Process Development for Metallic Coatings (Jan Bichelmaier - Sulzer Metaplas)	Thin Film Contributions for the Hydrogen Economy (Invited): Hydrogen Transport Through Thin Metal Membranes (Ivan Vlassiouk - Schaeffler Technology)
11:20 AM	Overflow (OE)	Overflow (OE)	Overflow (OE)	HiPIMS [Invited]: 60 Inches HiPIMS on Glass Substrate for Large Area Uniformity and Scalability Without Arcing (Ivan Widjaja - Zhenua Vacuum Technology Co., Ltd.)	Thin Film Contributions for the Hydrogen Economy (Invited): Hydrogen Transport Through Thin Metal Membranes (Ivan Vlassiouk - Schaeffler Technology)
11:40 AM	Overflow (OE)	Overflow (OE)	Overflow (OE)	HiPIMS [Invited]: Industrial Scale Deposition Process Development for Metallic Coatings (Jan Bichelmaier - Sulzer Metaplas)	Thin Film Contributions for the Hydrogen Economy (Invited): Hydrogen Transport Through Thin Metal Membranes (Ivan Vlassiouk - Schaeffler Technology)
12:00 PM					
12:20 PM					
12:40 PM					
1:00 PM	10:00 AM Exhibitor B2B Coffee Hour 11:00 AM Exhibit Hall Opens				
1:20 PM					
1:40 PM					
2:00 PM	2:30 - 4:30 PM Poster Session				
2:20 PM					
2:40 PM					
3:00 PM					
3:20 PM					
3:40 PM					
4:00 PM					
4:20 PM					
4:40 PM					
5:00 PM					
5:20 PM					
5:40 PM					
6:00 PM	Welcome Reception (Exhibit Hall) 5:00 - 6:00 PM				
6:20 PM					
6:40 PM	Exhibit Hall Closes: 6:00 PM				
7:00 PM					
7:20 PM					
7:40 PM					
8:00 PM					
8:20 PM					
8:40 PM					
9:00 PM					
9:20 PM					
9:40 PM					
10:00 PM					

POSTER [P1]: Fabrication and Characterization of Molybdenum Oxide Thin Films for Solar Energy Applications (Bassel Abdel Samad - Université de Monctonl)

POSTER [P5]: Atmospheric Plasma Beam Printing of the Silicon Anodes and Lamination of Carbon Nanofiber Cathodes for Lifa (Tsai Qiaohsu - Nanocoating Plasma Systems)

POSTER [P9]: Front Contacts (TCO/Ag/Ni) Engineering for High Efficiency CdTe Based Solar Cells on Ultra-Thin Cover Glass (Geetha Paleti - University of Toledo) SPONSORED STUDENT PRESENTATION

POSTER [P4]: Thick Metal Coatings on Glass Microplates for Advanced Manufacturing (Kris Shulman - Los Alamos National Laboratory)

POSTER [P5]: Influence of K-Beam Evaporation Parameters on Coating Phase Transformation (Bun Lo - Northeastern University China)

POSTER [P6]: Study on the Bond Strength of Flexible Film Substrate (Kun Lu - Northeastern University China)

Wednesday (April 29, 2026)

TAC Breakfast Meetings

(1) Large Area Coatings TAC | (2) Large Area Advanced Packaging and Integrated Photonics TAC
Long Beach Convention Center Promenade: 101 A

(3) High Power Impulse Magnetron Sputtering (HiPIMS) TAC | (4) Protective, Tribological, and Decorative Coatings TAC | (5) Thin Film Contributions for the Hydrogen Economy TAC
Long Beach Convention Center Promenade: 101 B

(6) Plasma Processing and Diagnostics TAC | (7) Atomic Layer Processing TAC
Long Beach Convention Center Promenade: 101 C

(8) Wafer Roll-to-Roll Technologies and Innovation TAC | (9) Emerging and Transformational Technologies and Applications TAC
Hyatt Regency: SeaView Ballroom A

(10) Optical Coatings TAC | (11) Photonically Induced Transformations of Thin Films and Surfaces TAC
Long Beach Convention Center Promenade: 101 B

(12) Electron Beam Processes TAC | (13) Coatings for Energy Conversion and Related Processes TAC
Hyatt Regency: SeaView Ballroom B

(14) Advanced Multifunctional Coatings TAC | (15) Advances in Thin Film Sensor Technologies TAC
Hyatt Regency: SeaView Ballroom C

(16) Digital Transformation through AI, Machine Learning, Simulation and Data Science TAC | (17) Process Monitoring Control and Automation TAC
Hyatt Regency: SeaView Ballroom C

(18) Characterization, Testing, and Failure Analysis of Thin Films TAC | (19) Coatings and Processes for Biomedical Applications TAC
Hyatt Regency: Shoreline A

(20) Organic and Perovskite Electronics TAC | (21) Quantum Computing TAC
Hyatt Regency: Shoreline B

7:30 AM	LRCC Promenade 104A (Program track daily room assignment)	LRCC Promenade 104B (Program track daily room assignment)	LRCC Promenade 105C (Program track daily room assignment)	LRCC Promenade 101A (Program track daily room assignment)	LRCC Promenade 101B (Program track daily room assignment)
8:00 AM	10-minute passing break				
8:10 AM	Keynote (LRCC Promenade 104B) Farm-Resonant Optical Coatings and Applications (Chunlei Guo - University of Rochester)				
8:40 AM	10-minute passing break				
9:00 AM	Exhibitor Innovator Showcase (EIS): The Benefits of Moving Plasma PVD Source Technology (Lara Moreno Olea - Sencos Ltd)	Emerging and Transformational Technologies (ET): Optical Coating Development Using Ion Beam Sputtering (Chris Stassel - Stassel Consulting)	Process Monitoring, Control, and Automation (PC): Real-Time Contaminant Particle Monitoring During The Film Deposition Processes for Improved Production Yields (Kyleen Cuttler - IPM)	Emerging and Transformational Technologies (ET): Optical Coating Development Using Ion Beam Sputtering (Chris Stassel - Stassel Consulting)	Large Area Advanced Packaging and Integrated Photonics [Invited]: Cost-Effective Innovations in Advanced Packaging Using Low-Temperature Plasma Processes (Marcelo Angelmar - Plasmatrix)
9:20 AM	Exhibitor Innovator Showcase (EIS): Industrial-Ready HiPIMS: 20 Years of Power Supply Evolution from Concept to Production (Jana Wilcenta Dinauer - TRUMPF Huettinger Sp. z o.o.)	Emerging and Transformational Technologies (ET): Optical Coating Development Using Ion Beam Sputtering (Chris Stassel - Stassel Consulting)	Process Monitoring, Control, and Automation (PC): Optical In-Situ Metrology for Characterization, Testing, and Failure Analysis of Sputtered Thin Films and Engineered Coatings (Kolja Kolanoski - Surface Nex)		Large Area Advanced Packaging and Integrated Photonics [Invited]: Cost-Effective Innovations in Advanced Packaging Using Low-Temperature Plasma Processes (Marcelo Angelmar - Plasmatrix)
9:40 AM	Exhibitor Innovator Showcase (EIS): Industrial-Ready HiPIMS: 20 Years of Power Supply Evolution from Concept to Production (Jana Wilcenta Dinauer - TRUMPF Huettinger Sp. z o.o.)	Emerging and Transformational Technologies (ET): Engineering Stoichiometry for High Speed Optical Thin Film Deposition Processes (Ludvik Martinu - Polytechnique Montreal)	Process Monitoring, Control, and Automation (PC): Optical In-Situ Metrology for Characterization, Testing, and Failure Analysis of Sputtered Thin Films and Engineered Coatings (Kolja Kolanoski - Surface Nex)		Large Area Advanced Packaging and Integrated Photonics [Invited]: Cost-Effective Innovations in Advanced Packaging Using Low-Temperature Plasma Processes (Marcelo Angelmar - Plasmatrix)
10:00 AM	Exhibitor Innovator Showcase (EIS): Industrial-Ready HiPIMS: 20 Years of Power Supply Evolution from Concept to Production (Jana Wilcenta Dinauer - TRUMPF Huettinger Sp. z o.o.)	Emerging and Transformational Technologies (ET): Engineering Stoichiometry for High Speed Optical Thin Film Deposition Processes (Ludvik Martinu - Polytechnique Montreal)	Process Monitoring, Control, and Automation (PC): Optical In-Situ Metrology for Characterization, Testing, and Failure Analysis of Sputtered Thin Films and Engineered Coatings (Kolja Kolanoski - Surface Nex)		Large Area Advanced Packaging and Integrated Photonics [Invited]: Cost-Effective Innovations in Advanced Packaging Using Low-Temperature Plasma Processes (Marcelo Angelmar - Plasmatrix)
10:20 AM	20-minute refreshment break				
10:40 AM	Exhibitor Innovator Showcase (EIS): Tungsten and Molybdenum Sputtering Targets for Semiconductor and Optical Applications (Ericka Franke - Plansee SE)	Overflow (OE)	Process Monitoring, Control, and Automation (PC): Sequential Gas Sensing Using Metal Oxide Sensors, Testing and Analysis (Ricardo Cabral - Sensorfactory)	Optical (P): Physicochemical, Microstructural and Optical Properties of Metallic Ion-Implanted Thin Films (Chien Jen Tang - Feng Chia University)	Large Area Advanced Packaging and Integrated Photonics [Invited]: A Scalable HiPIMS Process for Metallic Seed Layers in Advanced Packaging (Thorsten Kuhn - TRUMPF Hüttinger GmbH + Co. KG)
11:00 AM	Exhibitor Innovator Showcase (EIS): Digital Alternative for Electron Beam Evaporation Coatings: Advancing Performance and Flexibility with the Sorbus DIBOS Deposition System (Bruce Dalrymple - Sorbus Advanced Coating USA)	Overflow (OE)	Process Monitoring, Control, and Automation (PC): Sequential Gas Sensing Using Metal Oxide Sensors, Testing and Analysis (Ricardo Cabral - Sensorfactory)	Optical [Invited]: Recent Innovations in Optical Coating Design Software (Michael Trubetskov - VIP Studio GmbH)	Large Area Advanced Packaging and Integrated Photonics [Invited]: Advancing Performance and Reproducibility in Electroplating Applications (Jim Peter Schmitz - PLASOL GmbH)
11:20 AM	Overflow (OE)	Overflow (OE)	Process Monitoring, Control, and Automation (PC): In-Vacuum Gas Sensing Using Metal Oxide Sensors, Testing and Analysis (Ricardo Cabral - Sensorfactory)	Overflow (OE)	Large Area Advanced Packaging and Integrated Photonics [Invited]: Advancing Performance and Reproducibility in Electroplating Applications (Tobias Sugmann - Dimecar Co. Ltd.)
11:40 AM	Overflow (OE)	Overflow (OE)	Overflow (OE)	Overflow (OE)	Large Area Advanced Packaging and Integrated Photonics [Invited]: Advancing Performance and Reproducibility in Electroplating Applications (Tobias Sugmann - Dimecar Co. Ltd.)
12:00 PM					
12:20 PM					
12:40 PM					
1:00 PM	9:00 AM Exhibitor Meeting 10:00 AM Exhibit Hall Opens				
1:20 PM					
1:40 PM					
2:00 PM	2:00 PM Beer Blast				
2:20 PM					
2:40 PM					
3:00 PM	3:00 PM Announce: 5 K Run Winner & Best Poster				
3:20 PM					
3:40 PM					
4:00 PM	Exhibit Hall Closes at 4:00 PM				
4:20 PM					
4:40 PM					
5:00 PM	Free Time 4:00 - 5:30 PM				
5:20 PM					
5:40 PM					
6:00 PM	TAC Program Meeting (Hyatt Regency Shoreline A/B) 5:30 - 7:30 PM				
6:20 PM					
6:40 PM					
7:00 PM					
7:20 PM					
7:40 PM					
8:00 PM					
8:20 PM					
8:40 PM					
9:00 PM					
9:20 PM					
9:40 PM					
10:00 PM					

Thursday (April 30, 2026)

Technical Forum Breakfasts

TF8: Surface Engineering for Air and Liquid Filtration
Ralf Bandorf (Fraunhofer-IST) / Herbert Gaertner (PVT Plasma und Vakuum Technik GmbH)
Long Beach Convention Center Promenade: 102 A

TF8: Protective, Reflective, and Decorative Coatings
Martin Engels (Ionbond) / Anas Ghariane (Avalaue)
Long Beach Convention Center Promenade: 102 B

TF9: Digital Transformation of Industrial Deposition Processes
Holger Gerdes (Fraunhofer-IST) / Thomas Schaffer (Plasus GmbH)
Long Beach Convention Center Promenade: 102 C

TF9: Optical Thin Film Design
Jay Anderfaal (Ball Aerospace) / Michael Chern (ASA)
Hyatt Regency: SeaView Ballroom A

TF9: Aligning Deposition Process Requirements with Vacuum System Layout and Design
Wolfgang Decker (Kurt J. Lesker Company) / Jimmy Haight (Semicera)
Hyatt Regency: SeaView Ballroom B

TF9: Electron Beam Processes
Stefan Sauger (Fraunhofer-FEP) / Francesco Neri (Iron Arderne)
Hyatt Regency: SeaView Ballroom C

7:30 AM	LRCC Promenade 104A (Program track daily room assignment)	LRCC Promenade 104B (Program track daily room assignment)	LRCC Promenade 105C (Program track daily room assignment)	LRCC Promenade 101A (Program track daily room assignment)	LRCC Promenade 101B (Program track daily room assignment)
8:00 AM	10-minute passing break				
8:10 AM	Keynote (LRCC Promenade 104B) Plasma Technologies for Precision and Large-Scale Surface Engineering (Elizabeth von Hauff - Fraunhofer FEP)				
8:40 AM	10-minute passing break				
9:00 AM	Electron Beam Processes [Invited]: Fiscom Beam Processes (EB) Fast Area Photonic Additional (EB) Fast Graphite Metal Composite Bipolar Plates (Stefan Sauger - Fraunhofer FEP)	Atomic Layer Processing [Invited]: Directional Atomic Layer Deposition Enabling Nanoscale Photonic Chemistry (Avalaue Mercado - Cadence)	Digital Alternative (EIT): Machine Learning Guided Rapid Development and Physical Property Prediction for HiPIMS Grown Aluminum Nitride Thin Films (Ankur Mukherjee - Sorbus Advanced Coatings) (Showcase by - University of Oxford)	Optical (EIT): Inverse Lot Model for High Rate Reactive Sputtering (Marcel Bouwmans - IMERIS, Inc.)	Overflow (OE)
9:20 AM	Electron Beam Processes [Invited]: Vacuum Barrier Coatings on Beam Processes Manufacturing Equipment and Process Technology for Silicon and Wide Bandgap Semiconductors (Matthias Fahler - CVD-INSERVICE GmbH)		Digital Alternative (EIT): Cost & Predict Thin Film Process Development Using Historical Data to Predictive Process Windows (Ankur Mukherjee - Sorbus Advanced Coatings)	Optical (EIT): Revolutionizing Optical Coating Analysis by Digital Deposition Rates and Process Stability with Bayesian Bias Technology (Marcel Bouwmans - Thin Film Analytics)	Overflow (OE)
9:40 AM		Atomic Layer Processing [Invited]: Elevating Coating Uniformity Performance: Demonstrating PCTFE's Chemical Stability Over HfO2 in ALD, PEALD, and CVD (Mariana Kabbas - Advanced Coatings)	Digital Alternative (EIT): Faulty Process Detection and Automation using Machine Learning (Holger Gerdes - Fraunhofer-IST)	Optical [Invited]: State of the Art of Ultraviolet Optical Coatings Improvements for the Gravitational Wave Detectors and Other Applications (Laurent Pinard - Laboratoire des Matériaux Avancés - CNRS)	
10:00 AM			Digital Alternative (EIT): Reducing Downtime and Improve Yield in Optical Coating Through AI (Jim Bradley - Sencos Ltd)		Protective, Tribological, and Decorative Coatings (PTD): Open Source Software Tools for Optical Coating Design (PTD) and Sputtering (Dan Amon Lee - Kennel Software of Materials Science (KMSS))
10:20 AM	20-minute refreshment break				
10:40 AM	Overflow (OE)	Atomic Layer Processing [Invited]: Hydrazine Free Atomic Layer Deposition of Ruthenium Metal Films (Hatice Mamuti - IMERIS)	Digital Alternative (EIT): Predicting Film Properties Using Machine Learning Sputtering: GPU-Accelerated Multi Species Transport and Energy Deposition Modeling (Patrick Morse - Arizona Thin Film Research LLC)	Optical Colloquium "A