Monday (April 27, 2026)

Technical Forum Breakfasts (7:30 AM – 8:30 AM)

TFB: Atmospheric Plasma Technology
Hana Baránková (Uppsala University) / Ladislav Bardos (Uppsala University)
Long Beach Convention Center Promenade: 102 A

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

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

TFB: Photonically Induced Surface and Thin Film Processing
Christopher Muratore (University of Dayton) / Stefan Saager (Fraunhofer-FEP)
Hyatt Regency: SeaView Ballroom A

TFB: Durability Evaluation of Thin Film Coatings: Testing Methods and Practical Implications
Brent Boyce (Guardian) / Aneliia Wäckerlin (Glas Trösch)
Hyatt Regency: SeaView Ballroom B

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

LBCC Promenade 104A (Program track daily room assignment)	LBCC Promenade 104B (Program track daily room assignment)	LBCC Promenade 104C (Program track daily room assignment)	LBCC Promenade 101A (Program track daily room assignment)	LBCC Promenade 101B (Program track daily room assignment)

- 8:30 – 8:40 AM: 10 minute passing break
- 8:40 – 9:10 AM: **Compact Business Meeting (30 minutes)** (LBCC Promenade 104B)
- 9:10 – 9:20 AM: 10 minute passing break
- 9:20 – 9:30 AM: **Director of Program Welcone and Conference Introduction (LBCC Promenade 104B)**
- 9:30 – 10:10 AM: **Keynote (LBCC Promenade 104B)** – Sustainability and Life Cycle Thinking as Innovation Drivers for Surface Engineering (Christoph Herrmann - Fraunhofer IST)
- 10:10 – 10:30 AM: 20 minute refreshment break

Time	LBCC Promenade 104A	LBCC Promenade 104B	LBCC Promenade 104C	LBCC Promenade 101A	LBCC Promenade 101B
10:30 AM	Large Area Colloquium "Giving new life to old coaters: Modernization of coaters for new demands"	Characterization, Testing, and Failure Analysis (CT) In-Situ and Ex-Situ Characterization of the Stress Evolution in Functional Thin Films (Ludvik Martinu - Polytechnique Montreal)	Plasma Processing and Diagnostics (PP) Results Using a Specialized QMS-RGA and a Related Remote-Control System Demonstrated for the ITER-DRGA System (Chris Marcus - Oak Ridge National Laboratory)	HIPIMS (HP) HIPIMS: Technology which makes industrial revolution commercially viable (Chinmay Trivedi - IHI Hauzer Techno Coating B.V.)	Advanced Multifunctional Coatings (Invited) Advanced Active and Inactive Coating Technologies to Improve Life and Safety of Lithium-Ion Batteries for Automotive and Grid Applications (Khalil Amine - Argonne National Laboratory)
10:50 AM		Characterization, Testing, and Failure Analysis (CT) Enhancing PEM Fuel Cell Performance: A Comparative Electrochemical Study of Low-Temp Plasma Carburizing and Nitriding of Austenitic Steel 316L for Bipolar Plates (Caroline Karina Chandra - TU Darmstadt, MPA-IfW) SPONSORED STRUDENT PRESENTATION	Plasma Processing and Diagnostics (PP) Tuning the Properties of POSS Films Prepared by Ion Beam Assisted Evaporation Using Different Precursors (Oleg Zabeida - Polytechnique Montreal)	HIPIMS (HP) Comparative Study of Growth and Properties of TiOx Thin Films Deposited via Reactive DcMS and HiPIMS (Anas Ghailane - Avaluxe Coating Technologies GmbH & Co. KG)	
11:10 AM		Characterization, Testing, and Failure Analysis (Invited) Surface Coating, Treatment, and Analysis of Materials for Medical Devices (Bernard Li - Medtronic)	Plasma Processing and Diagnostics (PP) Time-Resolved OES Diagnostics of Gas Flow Sputtering Using a Copper Target (Jui-Che Chen - Feng Chia University) SPONSORED STUDENT PRESENTATION	HIPIMS (HP) Antimicrobial Efficiency and Durability of Nanostructured HIPIMS-Deposited Nanoscale Multilayer TiN/NbN Coatings (Arutiun P. Ehiasarian - Sheffield Hallam University)	Advanced Multifunctional Coatings (AM) Sputtered Anode-Free $LiFePO_4$-Based Micro Lithium-Ion Batteries for On-Chip Energy Storage (Luca Magagnin - Politecnico di Milano)
11:30 AM		Characterization, Testing, and Failure Analysis (CT) Influence of Load, Sliding Speed and Dimple-Textured Area Density on the Tribological Behavior of AlCrN Coating Iker Alfonso - Universidad Publica de Navarra (UPNA) SPONSORED STUDENT PRESENTATION	Plasma Processing and Diagnostics (Invited) Continuous PVD Roll-to-Roll Precoated Material for Fuel Cells: Towards Volume Production of Metallic Bipolar Plates and Interconnects for PEM/SOFC Applications (Gustaf Sjöblom - Alleima)	HIPIMS (HP) Real-Time Optimization of HIPIMS Processes Using Pulse-Resolved Spectroscopic and Electrical Plasma Process Control (Thomas Schütte - PLASUS GmbH)	Advanced Multifunctional Coatings (AM) Hydrogenated Diamond-Like Carbon Films Grown by a Beam Plasma Source (Tabitha Amollo - Egerton University)
11:50 AM	Large Area (LT) Vacuum-Deposited Solid-State Thin-Film Batteries (Yaroslav Romanyuk - EMPA)	Characterization, Testing, and Failure Analysis (CT) Reliable Mechanical Characterization of Vacuum Coatings: Best Practices in Nanoindentation and Scratch Testing (Parth Kotak - Anton Paar USA Inc.)		HIPIMS (Invited) Towards Reactive-Gas-Less Sputtering of Functional Nitrides – The Role of Metal Ions in Plasma-Activated Reactive Environments (Tetsuhide Shimizu - Tokyo Metropolitan University)	Advanced Multifunctional Coatings (AM) Vacuum-Evaporated Composite Copper Foil for Lithium-Ion Batteries: Fabrication and Performance (Kun Liu/Xianhang Lu - Northeastern University China)
12:10 PM	Large Area (LT) HiPIMS Goes Large (Waldemar Schönberger - VON ARDENNE GmbH)	Characterization, Testing, and Failure Analysis (CT) Arc Stability Analysis of Powder-Metallurgical TiB/TiN Target by Means of Pulsed Arc-PVD Process (Marta Miranda - RWTH Aachen University)	Plasma Processing and Diagnostics (PP) Graphite Doped Lithium Based Sputtering Targets for DC Deposition of LIPON for Thin Film Batteries Applications (Peter Polcik - Plansee Composite Materials GmbH)		Advanced Multifunctional Coatings (AM) Enhanced Corrosion and Wear Resistance of 6082 and 7075 Alloys via Optimized Anodizing and DLC Deposition (Luca Magagnin - Politecnico di Milano)

- 12:30 – 1:10 PM: 40 minute passing / lunch break
- 1:10 – 1:50 PM: **Don Mattox Tutorial (LBCC Promenade 104B)** – From Poisoned Targets to Healthy Models: The Quest for Parameters (Diederik Depla - Ghent University)
- 1:50 – 2:00 PM: 10 minute passing break

Time	LBCC Promenade 104A	LBCC Promenade 104B	LBCC Promenade 104C	LBCC Promenade 101A	LBCC Promenade 101B
2:00 PM	Large Area (Invited) Mass Production of Inorganic and Organic Coatings for Display Cover Glass (Brian Holsclaw - Corning Inc.)	Characterization, Testing, and Failure Analysis (CT) InSitu Optical Pyrometer Emissivity Measurement for Thin Film Processes (Tim Dubbs - Advanced Energy)	Coatings and Processes for Biomedical Applications (BT) Estimating the Lifetime of the Antimicrobial Property of Silver Containing Titanium Nitride Coatings for Implanted Biomedical Electrochemical Devices (Steven DiSpirito - Rowan University)	HIPIMS (HP) Time Resolved Investigations on Ion Fraction, Ionization Degree, and Plasma Composition within a HIPIMS Pulse (Ralf Bandorf - Fraunhofer IST)	SVC Strategic Technologies and Markets Colloquium "The challenge of transitioning to sustainable surface engineering practices"
2:20 PM		Characterization, Testing, and Failure Analysis (CT) Emergent Quasiperiodic Superstructure in WTe2 with Silver-Mean Modulation (So-Dam Sohn - Korea Research Institute of Standards and Science)	Coatings and Processes for Biomedical Applications (BT) Hierarchically Restructured Titanium Electrodes with Integrated Antibacterial Functionality for Neurostimulation Implantable Devices (Kriti Panchal - Drexel University)	HIPIMS (HP) Through-Glass Via Metallization by Using HiPIMS Copper Layer (Shang-Chen Wu - Feng Chia University) SPONSORED STUDENT PRESENTATION	
2:40 PM	Large Area (LT) Beam Plasma Source-Enhanced Deposition of High- and Low-Index Oxide Thin Films (Junwoo Lee - Michigan State University)	Characterization, Testing, and Failure Analysis (CT) Controlled Synthesis of 2D TMDs with Tunable Magnetic and Optoelectronic Characteristics (Sheng-Kuei Chiu - National University of Taiwan)	Coatings and Processes for Biomedical Applications (Invited) From Telecom to Biotech– Closing the Loop with Thin Films [illegible]	HIPIMS (HP) Advanced HiPIMS Coating Equipment for High-Performance Cutting Tools Amid Tungsten Price increase (Wei Zhou - Guangdong Huasheng nanotechnology)	

- 3:30 – 3:50 PM: 20 minute refreshment break

Time	LBCC Promenade 104A	LBCC Promenade 104B	LBCC Promenade 104C	LBCC Promenade 101A	LBCC Promenade 101B
4:00 PM	Large Area (LT) Going Large - Prediction and Optimization of Layer Thickness Distributions in Large-Area Magnetron Sputtering (Eric Volkhardt - Fraunhofer IST)	[illegible]	Quantum Computing (Invited) Complete Hamiltonian Control with Multi-Mode Superconducting Circuits (Eli Levenson-Falk - University of Southern California)	HIPIMS Colloquium "The Innovation Spiral of HIPIMS Towards Industrialization"	[illegible]
4:20 PM	Large Area (LT) High-Throughput Large-Area Coating Using a Carousel-Type Sputtering System (Takuya Sugawara - Shincron Co., Ltd.)	Characterization, Testing, and Failure Analysis (CT) Advances in the Fourier Denoising of XPS and Other Types of Data (Matthew Linford - Brigham Young University)			Overflow (OF)
4:40 PM	Overflow (OF)	Characterization, Testing, and Failure Analysis (CT) Correlated Lattice-Parameter and Electric-Field Mapping in GaN/AlGaN Thin Films (Xiaolei Chu - Covalent)	Overflow (OF)		Overflow (OF)

- 5:00 – 5:20 PM: 20 minute break

Sunset Meeting Forums (5:20 – 6:20 PM)

SMF: Advanced Deposition Coating Hardware
Frank Papa (GP 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 (UM6P)
Long Beach Convention Center Promenade: 102 B

SMF: Materials for PVD processes
David Sanchez / Christos Pernagidis (Avaluxe)
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 Zabeida (Ecole Polytechnique Montreal) / Dehua Yang (Ebatco)
Hyatt Regency: SeaView Ballroom B

SMF: Large-Area Advanced Packaging and Integrated Photonics
Patrick Morse (Arizona Thin Film Research, LLC) / Manuela Junghähnel (Fraunhofer-ASSID)
Hyatt Regency: SeaView Ballroom C

1hr 40 min Dinner Break
6:20 - 8:00 PM

Casino Night Fundraiser (Hyatt Regency - Beacon Ballroom)
8:00 - 10:00 PM

Tuesday (April 28, 2026)

Technical Forum Breakfasts

TFB: Leak Detection - Issues and Practices
Mike Ridenour (Leybold USA) / Jean-Pierre Deluca (BDL Redwood)
Long Beach Convention Center Promenade: 102 A

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

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

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

TFB: Energy Conversion and Storage
Volker Sittinger (Fraunhofer-IST) / Stefan Saager (Fraunhofer-FEP) / Ric Shimshock (General Atomics)
Hyatt Regency: SeaView Ballroom B

TFB: ALD for Optics
Chris Cook (Edmund Optics) / David Sanchez
Hyatt Regency: SeaView Ballroom C

LBCC Promenade 104A (Program track daily room assignment)	LBCC Promenade 104B (Program track daily room assignment)	LBCC Promenade 104C (Program track daily room assignment)	LBCC Promenade 101A (Program track daily room assignment)	LBCC Promenade 101B (Program track daily room assignment)

- 10 minute passing break
- **Awards Ceremony (LBCC Promenade 104B)** 8:40-9:20 AM
- 10 minute passing break

LBCC Promenade 104A	LBCC Promenade 104B	LBCC Promenade 104C	LBCC Promenade 101A	LBCC Promenade 101B
20 minute refreshment break	Organic and Perovskite Electronics (OE) Minimizing Interfacial Recombination Losses in Perovskite Solar Cells through Selective Vacuum Deposition Processing (Issac Ogunniranye - University of Toledo) SPONSORED STUDENT PRESENTATION	Process Monitoring, Control, and Automation (PC) Inteleg® OES Intelligence Platform: A Multi-Sensor, AI-Driven Architecture for Autonomous Thin-Film Manufacturing (Martynas Audronis - Nova Fabrica Ltd)	HIPIMS (Invited) Beyond Traditional High Power Impulse Magnetron Sputtering (Uwe Heydenreich - Trumpf Hüttinger GmbH + Co. KG)	Thin Film Contributions for the Hydrogen Economy (HY) PVD Coatings for the Hydrogen economy - Applications, Testing and Production (Herbert Gabriel - PVT Plasma und Vakuum Technik GmbH)
Exhibitor Innovator Showcase (EIS) Exciting News From DHF Technical Products (Marcel Anaya - DHF Technical Products)	Organic and Perovskite Electronics (OE) High Voltage All-Evaporated 2.0eV Inorganic Perovskite Photovoltaic Devices (Hallie Echelman - King's College London) SPONSORED STUDENT PRESENTATION	Process Monitoring, Control, and Automation (PC) Fast, Highly Repeatable Gas Chemistry Control for Atomic Scale Processing (Shaun Pewsey - Brooks Instrument)		Thin Film Contributions for the Hydrogen Economy (HY) Correlating Deposition Temperature with Structure and Sensing Perofrormance in Pd Thin film Hydrogen Sensors (Chukwudike Ukeje - Imperial College London) SPONSORED STUDENT PRESENTATION
Exhibitor Innovator Showcase (EIS) Hold (Edwards)	Organic and Perovskite Electronics (OE) Thermal Co-Evaporation of Thin Film Photovoltaics by the Cluster Tool (Jin Yao University of Oxford)	Process Monitoring, Control, and Automation (PC) Critical Subsystems Suppliers Play a Key Role in the Global Wafer Fab Equipment Supply Chain (Paule Durin - Yole Group)	HIPIMS (HP) RF-Assisted HIPIMS on a Single Target: Discharge Stability and Ionization Behavior for Arcing-Prone Materials (Anna Wiktoria Oniszczuk - TRUMPF Huettinger Sp. z o.o.)	Thin Film Contributions for the Hydrogen Economy (HY) Anti-Corrosion and Wear Characteristics of HiPIMS Deposited Layered TiN Films for Recycling 316L SS Bipolar Plates in PEM Fuel Cells Using IMPULSE® + Positive Kick™ (Brian Jurczyk - Starfire Industries LLC)
Exhibitor Innovator Showcase (EIS) New Plasma Source Technology to Help Combat Global Supply Chain Disruptions and Material Price Increases (Dermot Monaghan - Gencoa Ltd)	Organic and Perovskite Electronics (OE) Optical In-Situ Metrology for Perovskite Processing: A Review of Reflectance and Photoluminescence-Based Process Insights (Kolja Haberland - LayTecAG)	Process Monitoring, Control, and Automation (PC) Toward Intelligent In-Situ Metrology: From Real-Time Data to Actionable Process Control (Heidi Olson - k-Space Associates)	Overflow (OF)	Overflow (OF)
Exhibitor Innovator Showcase (EIS) Dual Output. Half the Footprint. Full Control to Stabilize Reactive Sputtering and Boost Throughput: TruPlasma DC 4040/4060 G2 with PVL and Advanced Arc Control for Faster Ramp-Up and Lower CAPEX (Ruda Krzysztof - TRUMPF Huettinger)				
Exhibitor Innovator Showcase (EIS) Integrated Mechanical and Structural Characterization Solutions for Vacuum Coatings (Parth Kotak - Anton Paar USA Inc.)				
Exhibitor Innovator Showcase (EIS) Custom Vacuum Coating Systems, Vacuum Coater Refurbishment and Contract R&D at GP Plasma (Frank Papa - GP Plasma LLC)				

10:00 AM Exhibitor B2B Coffee Hour

11:00 AM Exhibit Hall Opens

2:30 - 4:30 PM Poster Session

- POSTER (P1): Fabrication and Characterization of Molybdenum Oxide Thin Films for Solar Energy Applications (Bassel Abdel-Samad - Université de Moncton)
- POSTER (P2): Atmospheric Plasma Beam Printing of the Silicon Anodes and Lamination of Carbon Nanofiber Cathodes for LiBs (Yuri Glukhoy - Nanocoating Plasma Systems)
- POSTER (P3): Front Contact (TCO/Emitter) Engineering for High-Efficiency CdTe-based Solar Cells on Ultra-Thin Cover Glass (Aesha Patel - University of Toledo) SPONSORED STUDENT PRESENTATION
- POSTER (P4): Thick Metal Coatings on Glass Microspheres for Advanced Manufacturing (Kira Shulman - Los Alamos National Laboratory)
- POSTER (P5): Influence of E-Beam Evaporation Parameters on Coating Phase Transformation (Kun Liu - Northeastern University China)
- POSTER (P6): Study on the Bond Strength of Flexible Film Substrates (Kun Liu - Northeastern University China)

Welcome Reception (Exhibit Hall)
5:00 - 6:00 PM

Exhibit Hall Closes: 6:00 PM

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: 102 A

(1) High Power Impulse Magnetron Sputtering (HIPIMS) TAC & (2) Protective, Tribological, and Decorative Coatings TAC & (3) Thin Film Contributions for the Hydrogen Economy TAC
Long Beach Convention Center Promenade: 102 B

(1) Plasma Processing and Diagnostics TAC & (2) Atomic Layer Processing TAC
Long Beach Convention Center Promenade: 102 C

(1) WebTech Roll-to-Roll Technologies and Innovation TAC & (2) Emerging and Translational Technologies and Applications TAC
Long Beach Convention Center Promenade: 103 A

(1) Optical Coatings TAC & (2) Photonically-Induced Transformations of Thin Films and Surfaces TAC
Long Beach Convention Center Promenade: 103 B

(1) Electron Beam Processes TAC & (2) Coatings for Energy Conversion and Related Processes TAC
Hyatt Regency: SeaView Ballroom A

(1) Advanced Multifunctional Coatings TAC & (2) Advances in Thin Film Sensor Technologies TAC
Hyatt Regency: SeaView Ballroom B

(1) Digital Transformation through AI, Machine Learning, Simulation and Data Science TAC & (2) Process Monitoring Control and Automation TAC
Hyatt Regency: SeaView Ballroom C

(1) Characterization, Testing, and Failure Analysis of Thin Films TAC & (2) Coatings and Processes for Biomedical Applications TAC
Hyatt Regency: Shoreline A

(1) Organic and Perovskite Electronics TAC & (2) Quantum Computing TAC
Hyatt Regency: Shoreline B

LBCC Promenade 104A (Program track daily room assignment)	LBCC Promenade 104B (Program track daily room assignment)	LBCC Promenade 104C (Program track daily room assignment)	LBCC Promenade 101A (Program track daily room assignment)	LBCC Promenade 101B (Program track daily room assignment)

- 10 minute passing break
- **Keynote (LBCC Promenade 104B)** – Fano-Resonant Optical Coatings and Applications (Chunlei Guo - University of Rochester)
- 10 minute passing break
- 20 minute refreshment break

LBCC Promenade 104A	LBCC Promenade 104B	LBCC Promenade 104C	LBCC Promenade 101A	LBCC Promenade 101B
Exhibitor Innovator Showcase (EIS) Tungsten and Molybdenum Sputtering Targets for Semiconductor and Flat Panel Display Manufacturing (Enrico Franzke - Plansee SE)	Overflow (OF)	Process Monitoring, Control, and Automation (Invited) Beyond Ion Gauges: Wide-Range, Maintenance-Free Vacuum Sensing for Modern Coating Systems (Caspar Christiansen - Sens4 A/S)	Optical (OT) Physics-Based, Plasma-Informed Correction Masks for Large-Area Magnetron-Sputtered Optical Coatings (Chien-Jen Tang - Feng Chia University)	Large Area Advanced Packaging and Integrated Photonics (LP) A Scalable HiPIMS–RF Bias Strategy for Reliable Cu Seed Layers in High-AR Through-Glass Vias (Yilei Shen - TRUMPF Hüttinger GmbH + Co. KG)
Exhibitor Innovator Showcase (EIS) A Modular Platform Approach for Advanced Carbon Coatings: Extending Performance and Flexibility with the Oerlikon DOMINO System (Bruce Deiseroth - Oerlikon Balzers Coating USA))	Overflow (OF)		Optical (Invited) Recent Innovations in Optical Coating Design Software (Michael Trubetsov - OTF Studio GmbH)	Large Area Advanced Packaging and Integrated Photonics (LP) Sputtered Thin-Film Lithium Niobate for Scalable Photonic Integrated Circuits (Takuya "Pete" Sugawara - Shincron Co. Ltd.))
Overflow (OF)	Overflow (OF)	Process Monitoring, Control, and Automation (PC) In-Vacuum Color Monitoring to Improve Process Reproducibility in Decorative Coating Applications (Jan-Peter Urbach - PLASUS GmbH)		Large Area Advanced Packaging and Integrated Photonics (Invited) Optical Engines and Thin Film Nanophotonics (Mohamed ElKabbash - University of Arizona)
Overflow (OF)	9:00 AM Exhibitor Meeting / 10:00 AM Exhibit Hall Opens		Optical (OT) Harnessing NDR-Regime Plasma Dynamics in RF-Superimposed HiPIMS for Dense and Laser-Resilient Optical Films (Rajesh Ganesan - Avaluxe Coating Technologies GmbH & Co KG)	
Overflow (OF)				

2:00 PM Beer Blast

3:00 PM Announce: 5 K Run Winner & Best Poster

Exhibit Hall Closes at 4:00 PM

Free Time
4:00 - 5:30 PM

TAC Program Meeting (Hyatt Regency Shoreline A/B)
5:30 - 7:30 PM

Thursday (April 30, 2026)

Technical Forum Breakfasts

TFB: Surface Engineering for the Hydrogen Economy
Ralf Bandorf (Fraunhofer IST) / Herbert Gabriel (PVT Plasma und Vakuum Technik GmbH)
Long Beach Convention Center Promenade: 102 A

TFB: Protective, Reflective, and Decorative Coatings
Martin Engels (Ionbond) / Anas Ghailane (Avaluxe)
Long Beach Convention Center Promenade: 102 B

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

TFB: Optical Thin Film Design
Jay Anzellotti (Idex Corp.) / Rajiv Pethe (Vital Chem USA)
Hyatt Regency: SeaView Ballroom A

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

TFB: Electron Beam Processes
Stefan Saager (Fraunhofer-FEP) / Matthias Neumann (Von Ardenne)
Hyatt Regency: SeaView Ballroom C

LBCC Promenade 104A (Program track daily room assignment)	LBCC Promenade 104B (Program track daily room assignment)	LBCC Promenade 104C (Program track daily room assignment)	LBCC Promenade 101A (Program track daily room assignment)	LBCC Promenade 101B (Program track daily room assignment)

- 8:30 – 8:40 AM: 10 minute passing break
- 8:40 – 9:20 AM: **Keynote (LBCC Promenade 104B)** – Plasma Technologies for Precision and Large-Scale Surface Engineering (Elizabeth von Hauff - Fraunhofer FEP)
- 9:20 – 9:30 AM: 10 minute passing break

Time	LBCC Promenade 104A	LBCC Promenade 104B	LBCC Promenade 104C	LBCC Promenade 101A	LBCC Promenade 101B
4:40 PM	Photonically-Induced Transformations of Thin Films (Invited) Engineering Thin-Film Optoelectronic and Ferroelectric Materials via High-Throughput Laser Processing (Brian Everhart - AV Incorporated/Air Force Research Laboratory)	[illegible]	(Gregory Taylor - Lawrence Livermore National Laboratory)	WebTech Roll-to-Roll Technologies and Innovation (Invited) Optimizing Barrier Performance in Formed Flexible Bags (Todd Fayne - Pepsi Company)	Protective, Tribological, and Decorative Coatings (Invited) Aluminum Chromium $Al_{70}Cr_{30}$ targets: correlation between target microstructure and coated tool lifetime (Christos Pernagidis - Avaluxe Coating Technologies GmbH & Co KG)
5:00 PM		Overflow (OF)	Overflow (OF)		
5:10 PM	Photonically-Induced Transformations of Thin Films (Invited) Laser Spike Annealing of Thin Films for Neuromorphic Device Applications (Drake Austin - AV Incorporated/Air Force Research Laboratory)	Overflow (OF)	Overflow (OF)	WebTech Roll-to-Roll Technologies and Innovation (WT) Next Level Control of Reactive Mid-Frequency Sputtering by Automated Voltage Adjustment at Different Power Levels (Michael Muecke - Buhler Leybold Optics)	Protective, Tribological, and Decorative Coatings (TT) Advantages and Limitations of Solvent Cleaners in Cleaning Applications Before PVD Coating (Stefan Lukowski - SAFECHEM Europe GmbH)
5:30 PM		Overflow (OF)	Overflow (OF)	WebTech Roll-to-Roll Technologies and Innovation (WT) AI-Enhanced Vacuum Quality Monitoring for Roll-to-Roll Processes (Lara Maroto-Diaz - Gencoa Ltd)	Protective, Tribological, and Decorative Coatings (TT) Machining Graphite and ZrO_2 with Diamond Coatings (Jeffrey Barlow - CemeCon Inc)

- 5:50 – 6:00 PM: 10 minute passing break

Sunset Meeting Forums (6:00 – 7:00 PM)

SMF: Post-Processing of Vacuum-Coated Roll-to-Roll Products
Andy Jack (Emerson and Renwick Ltd.) / Chris Stoessel (Stoessel Consulting)
Long Beach Convention Center Promenade: 102 A

SMF: Thin Film Sensors
Jason Hrebik (Kurt J. Lesker Company) / Binbin Weng (University of Oklahoma)
Long Beach Convention Center Promenade: 102 B

SMF: Tribological and Diamond-Like Coatings
George Savva (IHI Ionbond, Inc.) / Jolanta-Ewa Sapieha (Ecole Polytechnique Montreal)
Long Beach Convention Center Promenade: 102 C

SMF: Fabrication and Performance of Optical Coatings
Ludvik Martinu (Ecole Polytechnique Montreal) / Binyamin Rubin (Veeco)
Hyatt Regency: SeaView Ballroom A

SMF: Coatings for Thin Film Photovoltaics
Volker Sittinger (Fraunhofer-IST) / Stefan Saager (Fraunhofer-FEP)
Hyatt Regency: SeaView Ballroom B

SMF: CVD and ALD Processing
Sara Harris (Forge Nano) / Scott Walton (Naval Research Laboratory) / Chris Gump (Forge Nano)
Hyatt Regency: SeaView Ballroom C

- 7:00 – 7:20 PM: 20 minute break

Young Mentors/Farewell Party (Hyatt Regency-Poolside)
7:20-8:50 PM