Monday (April 27, 2026)

Technical Forum Breakfasts

TF1: Atmospheric Plasma Technology
Hana Barankova (Uppsala University) / Ladislav 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-FEP)
Hyatt Regency: Seaview Ballroom A

TF9: Durability Evaluation of Thin Film Coatings: Testing Methods and Practical Implications
Brent Boyce (Guardian,) / Anelia Wickenden (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

LBCC Promenade 104A (Program track daily room assignment)	LBCC Promenade 104B (Program track daily room assignment)	LBCC Promenade 105A (Program track daily room assignment)	LBCC Promenade 105B (Program track daily room assignment)
10-minute passing break			
Compact Business Meeting (30 minutes) (LBCC Promenade 104B)			
10-minute passing break			
Director of Program Welcome and Conference Introduction (LBCC Promenade 104B)			
Keynote (LBCC Promenade 104B) Sustainability and Life Cycle Thinking in Innovation Drivers for Surface Engineering (Christoph Herrmann - Fraunhofer IST)			
20-minute refreshment break			
Large Area Collequium "Doing new life in old systems. Misdetermination of coatings for new demands"	Characterization, Testing, and Failure Analysis (CT) Strike of Electric Glass Coatings and Its Consequences (Judith Medina - Polytechnique Montreal)	Plasma Processing and Diagnostics (PP) Results Using Longitudinal DBD Fed on a Nested Resonant Control System Demonstrated for the 75W DBD System (Erika Mercer - Dak Hydrogen Solutions)	HiPIMS Technology which makes industrial-resolution commercially viable (Chinmaiy Trivedi - UK Hiaper Techno Coating R.V.)
Large Area (LA) Vacuum Deposited Solid Oxide Thin Film Batteries (Tomoko Komatsuda - JAPEN)	Characterization, Testing, and Failure Analysis (CT) Deposition Rate Control Using Optical Emission Spectroscopy Production Recommendations and Supply Testing (Ruth Kukel - Anton Paar USA Inc.)	Plasma Processing and Diagnostics (PP) Tuning the Properties of PLD Films Prepared by Jet Nozzle Assisted Pulsed Laser Deposition (Jet-PLD) (Emilia Iorio Orsini - Tor Vergata University) (Zdeněk Zlámal - Masaryk University)	Comparative Study of Growth and Properties of Thin Film Films Deposited Using Conventional and HiPIMS (Jesse Gleichner - Anatose Coating Technologies GmbH & Co. KG)
Large Area (LA) HiPIMS Grow Large (Hindrance Scholdwagen - Fab-AMBIENT GmbH)	Characterization, Testing, and Failure Analysis (CT) Electrochemical Characterization of Thin Film Batteries (Alberto Mirabile - IPAPM Barcelona University)	Plasma Processing and Diagnostics (PP) Flexible Thin Film Batteries Manufactured by Roll-to-Roll Plasma Deposition of LiMPO4 Thin Film Batteries Applications (Peter Prah - Plasma Compatible Materials GmbH)	Advanced Multifunctional Coatings (Invited) Advanced Coatings for Cutting Tools Based on Chromium Oxide and Nitride Layers Deposited by Industrial Arc PVD (Mykola Ivanov - Kyiv National Taras Shevchenko University)
	Characterization, Testing, and Failure Analysis (CT) Optical Characterization of Thin Film Batteries (Jörg Ziebeck - Fraunhofer-IST)		
40 minute passing / lunch break			
Zero-Motion Tutorial (LBCC Promenade 104B) From Poisoned Targets to Healthy Models: The Quest for Parameters (Diederik Depla - Ghent University)			
10-minute passing break			
Large Area (Invited) Wave Production of Inorganic and Organic Coatings for Display Cover Glass (Brian Mitchell - Corning Inc.)	Characterization, Testing, and Failure Analysis (CT) Hollo-Optical Pyrometer Uniformity Measurement for Thin Film Deposition (Tim Gaebler - Kaiser Optical Systems Inc.)	Coatings and Processes for Biomedical Applications (BT) Optimizing the Lifetime of the Antimicrobial Property of Silver Containing Thin Films Deposited by Magnetron Sputtered Dual Demonstrated Devices (Steven Shephard - Nexeon Limited)	HiPIMS (Invited) Two Benchmark Investigations on Ion Fraction, Ionization Degree, and Plasma Characteristics of Different Sputtering Sources (Ralf Bandorf - Fraunhofer IST)
Large Area (LA) Beam Plasma Source Enhanced Deposition of High- and Low-Index Optical Coatings (Jaeseung Kim - Michigan State University)	Characterization, Testing, and Failure Analysis (CT) Controlled Synthesis of 2D TiNbx with Tunable Magnetic and Electrochemical Properties (Jhong-Sian Ciou - National University of Taiwan)	Coatings and Processes for Biomedical Applications (BT) Electrically Reduced Metal Titanium Electrodes with Integrated Antibacterial Properties for Implantable Neurostimulation Devices (Ralf Bandorf - Ghent University)	HiPIMS (BP) Through-Glass Via Metallization by Using HiPIMS Copper Layer Deposition (Chia-Ming Chang - Industrial Technology Research Institute) SPONSORED STUDENT PRESENTATION
Large Area (LA) Smoking Large Area Advanced Packaging Through Galvanic Silo Technology (Ralf Jakobs - Atotech Deutschland GmbH) (Kolja Haberland - Lumin AG)	Characterization, Testing, and Failure Analysis (CT) Influence of Laser, Milling Cutter and Water Jet Processed Glass Edges on the Mechanical Behavior of UltraFlex Coating (Nur Filiz Mustafaoglu - Fraunhofer Institute for Ceramic Technologies and Systems (IKTS))	Coatings and Processes for Biomedical Applications (Invited) Peak Vacuum to Biotech - Closing the Loop with Thin Films (Matthew Wagner)	Advanced HiPIMS Coating Equipment for High-Performance Cutting Tools and Precision Components (Wei Zhao - Guangdong Huizhong nanotechnology)
			HiPIMS (BP) Marchka Sputtering Discharge Dynamics by Pulse Sequencing in Industrial Scale Deposition Systems (Ichiroy Shin - Tokyo Metropolitan University)
20-minute refreshment break			
Large Area (LA) Scalable Manufacturing of Organic Semiconductor Lasers Enabled by Film Production Lines (Lithography (Susann Ding - Leibniz Institute Ferdinand-Braun)	Characterization, Testing, and Failure Analysis (Invited) Non-Destructive In Spectroscopic Ellipsometry (Aaron Ellison - J.A. Woollam Co.)	Overflow (OR)	Overflow (OR)
Large Area (LA) Rolling Large - Production Scale Deposition of Layer Thickness Distribution in Large Area Magnetron Sputtering (Eric Kabbendi - Fraunhofer-IST)		Quantum Computing (Invited) Complete Roadmap from Lab Desk Model Superconducting Circuits (Jeroenamen Falk - University of Southern California)	HiPIMS Collequium "The Innovation Spiral of HiPIMS Towards Industrialization"
Large Area (LA) High Throughput Large Area Coating using a Linear-Type Sputtering System (Tokuya Sugawara - Shincron Co., Ltd.)	Characterization, Testing, and Failure Analysis (CT) Advances in the Quick Screening of EPD and Other Types of Uses (Matthias Linse - Bergische Uniog Gmnh/KG)	Overflow (OR)	Overflow (OR)
Overflow (OR)	Characterization, Testing, and Failure Analysis (CT) Correlated Lab to Processes and Assets: Field Mapping to Gain/Detect Yie Ffects (Nicolas Fox - Fusebot)	Overflow (OR)	Overflow (OR)
20 minute break			
Sunset Meeting Forums			
SMF: Advanced Deposition Coating Hardware Frank Papa (EP 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 (UNIMP) Long Beach Convention Center Promenade: 102 B			
SMF: Materials for PVD processes David Sanchez / Christos Pernagidis (Avalovo) 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) / Oleksa Yang (Elastica) 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			
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

TF8: Leak Detection - Issues and Practices
Mike Ridenour (Jacobsen USA / Jean-Pierre Delaux SRAL Redwood)
Long Beach Convention Center Promenade: 102 A

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

TF9: Magnetron Sputtering
Wilmert De Bouvère (Soleras 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 Schulego (VAT Group)
Hyatt Regency: SeaView Ballroom A

TF9: Energy Conversion and Storage
Volker Sittinger (Fraunhofer-IST) / Stefan Sauger (Fraunhofer-FEP) / Ric Shimshock (MSC)
Hyatt Regency: SeaView Ballroom B

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

LBCC Promenade 104A (Program track daily room assignment)	LBCC Promenade 104B (Program track daily room assignment)	LBCC Promenade 105A (Program track daily room assignment)	LBCC Promenade 105B (Program track daily room assignment)
10-minute passing break			
Awards Ceremony (LBCC Promenade 104B) 8:40-9:20 AM			
10-minute passing break			
Advanced Multifunctional Coatings (Invited) Powder Atomic Layer Deposition and Its Commercial Use for Lithium Ion Batteries (Christopher Ewing - Forge Nano)	Organic and Perovskite Electronics (Invited) Achieving Extraordinary Performance in Perovskite Thin Films by Physical Vapour Deposition (Jay Patel - King's College London)	Process Monitoring, Control, and Automation (PC) Point Laser to Industry 4.0: Retrofitting Vacuum Coaters with Edge Control Metrology (Alexander Sklenar - Sulzbach GmbH)	HiPIMS (BP) Industrial HiPIMS – Practical Challenges, Trends and Innovations (Rafael Gonzalez Rodriguez - Ionautics)
Overflow (OR)		Process Monitoring, Control, and Automation (Invited) Transforming Process Innovation through Advanced Chamber Pressure Control (Pedro Soares Santiago - VAT Vakuumventile AG)	HiPIMS (BP) 3D HiPIMS With Capacitively Coupled Plasma Etching Following Laser Modification to Form Through-Glass Via (Chang-Hsu Chen - Delta Electronics)
			HiPIMS (BP) All Ionized HiPIMS: an Ultra-Fast Technique for Ultra-Smooth and Ionbeam Reflector for Acting-Plasma Materials (Marco Bellucco Bellucco - TRUMPF Huettinger Sp. z o.o.)
20 minute refreshment break			
Exhibitor Innovator Showcase (EIS) Hall Exhibitor Innovator Showcase (EIS) Hall (Invited)	Organic and Perovskite Electronics (Invited) Perovskite Photovoltaics Beyond Laboratory Scale: Manufacturing and Reliability Challenges (Pierre Spearmanpe - University of Toledo) SPONSORED STUDENT PRESENTATION	Process Monitoring, Control, and Automation (PC) Intelligent Process Control in Multivariate Manufacturing (Mathyas Kudlacek - Nova Fabrica Ltd)	Thin Film Contributions for the Hydrogen Economy (HE) Hydrogen Permeation Barrier Coatings Enabled by Atomic Layer Deposition (Thomas Schuler - Empa)
Exhibitor Innovator Showcase (EIS) Hall (Invited) New Photocatalyst Coatings Based on Metal Free Inorganic Semiconductors (Gerrend Monaghan - Genesis Ltd)	Organic and Perovskite Electronics (BT) Ultra-Thin Perovskite Photodetectors Fabricated by Atomic Layer Deposition (Jhon Sanchez - University of Toledo) SPONSORED STUDENT PRESENTATION	Process Monitoring, Control, and Automation (PC) Tool, Tight, Repeatable Process Control Using Optical Emission Spectroscopy (Ehsan Pawey - Bowie Instrument)	Thin Film Contributions for the Hydrogen Economy (HE) Hydrogen Permeation Barrier Coatings Enabled by Atomic Layer Deposition (Chakradhar Lingala - Empa) (Invited)
Exhibitor Innovator Showcase (EIS) Hall (Invited)	Organic and Perovskite Electronics (BT) Pentacyl Co-Sensitization for Stable Perovskite Photovoltaics (Ali Tan - University of Oxford)	Process Monitoring, Control, and Automation (PC) Process Control Using Optical Emission Spectroscopy (Ryan Ellis - Bowie Instrument)	Thin Film Contributions for the Hydrogen Economy (HE) Hydrogen Permeation Barrier Coatings Enabled by Atomic Layer Deposition (Thomas Schuler - Empa) (Invited)
Exhibitor Innovator Showcase (EIS) Hall SuoGuojun - AuFree Footprint: Full Contact by Golden Nanolux Exhibitor Innovator Showcase (EIS) Hall Pfs and Advanced Ace Control for Faster Ramping and Lower CAPEX (Rudo Krzysztof - TRUMPF Huettinger)	Organic and Perovskite Electronics (BT) High Voltage Ultraviolet Photodetectors Based on Perovskite Phosphonate Interlayers (Ali Tan - University of Oxford)	Process Monitoring, Control, and Automation (PC) Process Control Enhancement Through Optical Emission Spectroscopy (Ehsan Pawey - Bowie Instrument)	Thin Film Contributions for the Hydrogen Economy (HE) Hydrogen Permeation Barrier Coatings Enabled by Atomic Layer Deposition (Chakradhar Lingala - Empa) (Invited)
Exhibitor Innovator Showcase (EIS) Hall Integrated Monitoring Solutions for Vacuum Coatings (Parth Kooki - Anton Paar USA Inc.)	Organic and Perovskite Electronics (BT) Thermal Co-Evaporation of Perovskite Films Using Metal Halide Precursors (Ali Tan - University of Oxford)	Process Monitoring, Control, and Automation (PC) Advanced Process Control Using Optical Emission Spectroscopy (Ryan Ellis - Bowie Instrument)	Thin Film Contributions for the Hydrogen Economy (HE) Hydrogen Permeation Barrier Coatings Enabled by Atomic Layer Deposition (Thomas Schuler - Empa)
Exhibitor Innovator Showcase (EIS) Hall Custom Coatings Enable Medical Device Establishment and Control R&D of IOP Devices (Frank Fuge - IOP Plasma LLC)	Organic and Perovskite Electronics (BT) Thermally Evaporated Perovskite Films Using Metal Halide Precursors: Reflectance and Photoluminescence Based Process Insights (Vidya Vaikunth - Jay Pro Ltd)	Overflow (OR)	Overflow (OR)
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-Diode Thin Films for Solar Energy Applications (Bassel Abdel Samed - Université de Monastir)			
POSTER (P2): Atmospheric Plasma Beam Printing of the Silicon Anode and Lamination of Carbon Nanofiber Cathodes for Li-Ion Cell Gladkoy - Nanocoating Plasma Systems)			
POSTER (P3): Front-Contact (TCO/Ertelite) Engineering for High Efficiency CdTe-based Solar Cells on Ultra-Thin Corner Glass (Andrés Pabel - University of Toledo) SPONSORED STUDENT PRESENTATION			
POSTER (P4): Thick Mixed Coatings on Glass Microplatens for Advanced Manufacturing (Kira Ghalman - Los Alamos National Laboratory)			
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			
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

(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: 102 B

(6) Plasma Processing and Diagnostics TAC | (7) Atomic Layer Processing TAC
Long Beach Convention Center Promenade: 102 C

(8) Wide Bandgap 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: 102 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 D

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

(20) Electrical and Photonically Driven Thin Film Electronics TAC | (21) 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 105A (Program track daily room assignment)	LBCC Promenade 105B (Program track daily room assignment)
10-minute passing break			
Keynote (LBCC Promenade 104B) Farm-Resonant Optical Coatings and Applications (Chunlei Guo - University of Rochester)			
10-minute passing break			
Exhibitor Innovator Showcase (EIS) Industrial-Ready HiPIMS: 20 Years of Power Supply Evolution from Pioneer to Precision Platform (Jane Wilcorio Dimacuas - TRUMPF Huettinger Sp. z o.o.)	Emerging and Transformational Technologies (ET) Industrial Scale Production of Ultra-Low Loss Optical Fibers (Chris Stassel - Stassel Consulting)	Process Monitoring, Control, and Automation (PC) Real-Time Contaminant Bubble Monitoring During Thin Film Deposition Processes for Improved Production Yields (Ephraim Lilienfeld - BPR)	Optical (OP) Active Photonics Integrated Optical Sensors for Energy, Consumer and Sensor Applications (Ludvik Martinu - Polytechnique Montreal)
Exhibitor Innovator Showcase (EIS) Industrial-Ready HiPIMS: 20 Years of Power Supply Evolution from Pioneer to Precision Platform (Jane Wilcorio Dimacuas - TRUMPF Huettinger Sp. z o.o.)	Emerging and Transformational Technologies (ET) Industrial Scale Production of Ultra-Low Loss Optical Fibers (Chris Stassel - Stassel Consulting)	Process Monitoring, Control, and Automation (PC) Optical In-Situ Metrology for Characterization, Testing, and Failure Analysis of Quantized Thin Films and Engineered Coatings (Kolja Haberland - Lumin AG)	Turnkey Broadband Optical Fiber Production Capabilities Synchronized Motion Control for Uniform Fiber Elongation Enhances UV to Far Infrared (Liming Liu - Air Force Research Laboratory)
Exhibitor Innovator Showcase (EIS) Industrial-Ready HiPIMS: 20 Years of Power Supply Evolution from Pioneer to Precision Platform (Jane Wilcorio Dimacuas - TRUMPF Huettinger Sp. z o.o.)	Emerging and Transformational Technologies (ET) Industrial Scale Production of Ultra-Low Loss Optical Fibers (Chris Stassel - Stassel Consulting)	Process Monitoring, Control, and Automation (PC) Optical In-Situ Metrology for Characterization, Testing, and Failure Analysis of Quantized Thin Films and Engineered Coatings (Kolja Haberland - Lumin AG)	Optical (OP) Ultra-Low Loss Optical Fibers Enable Ultra-Sensitive Sensing Applications (Ludvik Martinu - Polytechnique Montreal)
20 minute refreshment break			
Exhibitor Innovator Showcase (EIS) Tungsten and Molybdenum Sputtering Targets for Semiconductor and Advanced Coating Applications (Enrico Franzke - Plansee SE)	Overflow (OR)	Process Monitoring, Control, and Automation (PC) Tungsten Broadband Optical Fiber Production Enables Ultra-Sensitive Sensing Applications (Ludvik Martinu - Polytechnique Montreal)	Optical (OP) Physicalbased, Environmental Aware Optical Models for Large-Area Coatings (Chen Jan Tang - Ding Chia University)
Overflow (OR)	Overflow (OR)	Process Monitoring, Control, and Automation (Invited) Beyond Set-Goodness: Data-Driven Process Control (Gregory Christiansen - Genesis R.D.)	Optical (Invited) Recent Innovations in Optical Coating Design Software (Michael Tuohiwu - EFF Vaulx-Milieu)
Overflow (OR)	Overflow (OR)	Process Monitoring, Control, and Automation (PC) + Vacuum Electronics and Sensors (VES) Predictive Maintenance Using Machine Learning Applications (Jon Peter Schwab - PLASUS GmbH)	Large Area Advanced Packaging and Integrated Photonics (LP) A Scalable HiPIMS Approach for Uniform Large-Area Copper Seed Layers (Chris Chen - TRUMPF Huettinger GmbH + Co. KG)
Overflow (OR)	Overflow (OR)	Overflow (OR)	Large Area Advanced Packaging and Integrated Photonics (LP) Scaling Uniform Copper Seed Layers for Advanced Packaging Integrated Circuits (Tobias Sugiarto - Director Co. Ltd.)
9:00 AM Exhibitor Meeting			
10:00 AM Exhibit Hall Opens			
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

TF9: Surface Engineering for Air-Breathing Engines
Ralf Bandorf (Fraunhofer-IST) / Herbert Gaertner (PVT Plasma und Vakuum Technik GmbH)
Long Beach Convention Center Promenade: 102 A

TF9: Protective, Reflective, and Decorative Coatings
Martin Engels (Ionbond) / Anas Ghariane (Avalone)
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 Arnoldy (Kurt J. Lesker Company) / Ariel Chern (JGA)
Hyatt Regency: SeaView Ballroom A

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

TF9: Electron Beam Processes
Stefan Sauger (Fraunhofer-FEP) / Patricia 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 105A (Program track daily room assignment)	LBCC Promenade 105B (Program track daily room assignment)
10-minute passing break			
Keynote (LBCC Promenade 104B) Plasma Technologies for Precision and Large-Scale Surface Engineering (Elizabeth von Hauff - Fraunhofer FEP)			
10-minute passing break			
Electron Beam Processes (EBP) High Rate Electron Beam Evaporation of Alloy Coatings Using Electron Beam Plasma (Ruben Pardo - ZON-INSERVIR SA&S)	Atomic Layer Processing (Invited) Directional Atomic Layer Etching Using Ultraviolet Assisted Plasma Chemistry (Keith Weiss - Lasers)	Digital Alternative (DT) Machine Learning Guided Layer Thickness Optimization and Physical Property Prediction for Off-Stoichiometric Evaporated Organic Semiconductor Thin Films (Zhenxing Li - University of Oxford)	Optical (DT) Inverse Lot Model for High Rate Reactive Sputtering (Ward Wouterson - IMOPTIC, Inc.)
Electron Beam Processes (Invited) Vacuum Electron Beam Heating for Metals Additive Manufacturing Equipment and Process Technology for Crib and Wire (Nicolas Pasko - ZON-INSERVIR SA&S)	Overflow (OR)	Overflow (OR)	Overflow (OR)
		Digital Alternative (DT) Revolutionizing Optical Coating Manufacturing Operation Notes and Process Stability with Bayesian Belief Technology (Ward Wouterson - TRUMPF Huettinger GmbH + Co. KG)	Overflow (OR)
20 minute refreshment break			
Overflow (OR)	Overflow (OR)	Digital Alternative (DT) Equity Prediction Based Optimization using Machine Learning (Holger Gerdes - Fraunhofer-IST)	Optical (Invited) State of the Art of Broadband IBS Coatings Improvements for the Gravitational Wave Detectors and Other Applications (Laurent Pinard - Laboratoire des Matériaux Avancés - CNRS)
		Digital Alternative (DT) Reducing Downtime and Scrap Through Predictive Maintenance (Joe Brolley - Genesis Ltd)	
40 minute lunch break			
Overflow (OR)	Overflow (OR)	Overflow (OR)	Optical (DT) High-Consistency Vacuum Coating Equipment and Process Platform for Large-Area Optical Components (Jinliang Li - Guangdong Huizhong Vacuum Technology Co., Ltd.)
Photonically Induced Transformations of Thin Films (Invited) Process-Based Engineering of Spatially Varying Nanocarbon Properties Using Laser Induced Graphene Devices (Nicholas Kelley - University of Pittsburgh)	Sensors (BT) Versatile Electronic Sensor Platform When Produced Using Roll-to-Roll Gravure Printing Technology (Chris Anthony - University of Cambridge) (Chris Anthony - University of Cambridge)	Overflow (OR)	Optical (DT) Passive and Active Structural Color Control of the Metallic Nanoparticle Thin Film (Michal Nowak - Military University of Technology) SPONSORED STUDENT PRESENTATION
Photonically Induced Transformations of Thin Films (Invited) Controlling Photoresponses in Rare-Earth Oxychalcide Thin Films via Photochemical Defect Engineering (Martha Cabello - Institute of Solid State Physics, University of Latvia)	Sensors (BT) Challenges and Opportunities of Copper Nitride Nanoparticles Synthesis and Their Gas Sensing Properties (Michal Nowak - Military University of Technology) SPONSORED STUDENT PRESENTATION	Overflow (OR)	Optical (DT) Thickness Distribution Modeling and Mask Optimization for Uniform Coatings on Rotating Domes in Sputtering Systems (Zhu-Hao Chen - Delt Young Vacuum Equipment Co., Ltd.)
Photonically Induced Transformations of Thin Films (Invited) Photochromic Thin Films for Optical Wavelength Selective Recovery and Dimmable Windows (Chris Muratore - University of Dayton)	Sensors (BT) Gas Sensing Properties of Zinc Oxide Nanoparticles Synthesized by Sol-Gel Method (Michal Nowak - Military University of Technology) SPONSORED STUDENT PRESENTATION	Overflow (OR)	Overflow (OR)
Photonically Induced Transformations of Thin Films (Invited) Wave-Produced Wetters Thin Demonstrations Devices for Hexadecane Vapor Sensing Arrays (Nicholas Kelley - University of Pittsburgh) SPONSORED STUDENT PRESENTATION	Sensors (Invited) Self-Assembled Gallic Acid and Gallic Acid Nanocomposite Thin Films for Nitroaromatic and Explosive Sensing Applications (Ali Dang - University of Texas at Arlington)	Overflow (OR)	Overflow (OR)
20 minute refreshment break			
Photonically Induced Transformations of Thin Films (Invited) Engineering Thin-Film Optoelectronic and Nonvolatile Memristive High-Throughput Laser Processing (Alston Gardner - AF Innovation/Air Force Research Laboratory)	Overflow (OR)	Overflow (OR)	WebTech Roll-to-Roll Technologies and Innovation (Invited) Optimizing Roll-to-Roll Performance in Solvent-Free Edge (Todd Hayne - Pepco LLC)
	Overflow (OR)	Overflow (OR)	
Photonically Induced Transformations of Thin Films (Invited) Laser Spike Annealing of Thin Films for Neuromorphic Device Applications (Erdin Ayda - AF Innovation/Air Force Research Laboratory)	Overflow (OR)	Overflow (OR)	WebTech Roll-to-Roll Technologies and Innovations (WT) Real-Land Control of Reactive MR Frequency Sputtering for Automated Voltage Adjustment at Different Power Levels (Michael Mazzola - Ardent Coated Films)
	Overflow (OR)	Overflow (OR)	WebTech Roll-to-Roll Technologies and Innovation (WT) AI-Enhanced Vacuum Quality Monitoring for Roll-to-Roll Processes (Lara Morales Diaz - Genesis Ltd)
10-minute passing break			
Sunset Meeting Forums			
SMF: Post-Processing of Vacuum-Coated Roll-to-Roll Products Andy Jack (Evanson and Renaud Ltd.) / Chris Stassel (Stassel Consulting) Long Beach Convention Center Promenade: 102 A			
SMF: Thin Film Sensors Jason Hrebirk (Kurt J. Lesker Company) / Benlen Weng (University of Oklahoma) Long Beach Convention Center Promenade: 102 B			
SMF: Tribological and Diamond-Like Coatings George Sawa (IHI Ionbond, Inc.) / Jolanta-Ewa Sujatha (Ecole Polytechnique Montreal) Long Beach Convention Center Promenade: 102 C			
SMF: Fabrication and Performance of Optical Coatings Ludvik Martinu (Ecole Polytechnique Montreal) / Benjamin Ruben (Veeco) Hyatt Regency: SeaView Ballroom A			
SMF: Coatings for Thin-Film Photovoltaics Volker Sittinger (Fraunhofer-IST) / Stefan Sauger (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			
20 minute break			
Young Mentors/Farewell Party (Hyatt Regency-Poolside) 7:20-8:50 PM			