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We are the Calgary based section of the Illuminating Engineering Society, a not-for-profit organization dedicated to all aspects of the ART and SCIENCE of ILLUMINATION.The IES Calgary Section has been in existence for more than 30 years. We provide an environment for sharing knowledge and ideas that advance the career paths of all our members by providing local focus, content and direction to IES activities in our area.We invite you to join us at our next section meeting to learn more about what we do and to tap into the knowledge and experience of our great network of local professionals. You do not need to be an IES member to attend these meetings but there are many benefits to membership. Click here to learn more about membership benefits or to fill out a membership application.Our local section is volunteer-run and we are always looking for individuals who wish to get involved. It is a great way to learn more about this areas design community and collaborate with professionals who are interested in their profession. If you would like to become more actively involved, feel free to contact our section president or any of the officers.Approved Method: Photometric Testing of Roadway and Area Lighting Fluorescent LuminairesPhotometry of Reflector Type LampsApproved Method: Electrical and Photometric Measurements of General Service Incandescent Filament LampsApproved Method: Electrical and Photometric Measurement of High Intensity Discharge LampsApproved Method: Electrical and Photometric Measurements of Single-Based Fluorescent LampApproved Method: IES Spatial Daylight Autonomy (sDA) and Annual Sunlight Exposure (ASE)Approved Method: Measuring Luminous Flux and Color Maintenance of Remote Phosphor ComponentsApproved Method Optical and Electrical Measurements of AC-LED Packages and Arrays or ModulesTechnical Memorandum: Measurement Uncertainty for Lighting Equipment Calibration Using Integrating SpheresApproved Method: Optical and Electrical Measurement of Ultraviolet LEDsApproved Method: Measuring In-Situ Temperature of Solid-State Lighting Components in Lamps and LuminairesApproved Method: Photometric Testing of Roadway and Area Lighting Fluorescent LuminairesApproved Method: Photometric Testing of Roadway and Area Lighting Luminaires Using Incandescent Filament or High Intensity Discharge LampsApproved Method: Photometric Testing of Floodlights Using High Intensity Discharge or Incandescent Filament LampsApproved Method: Guide for Determination of Average Luminance (Calculated) for Indoor LuminairesApproved Method: Photometric Testing of Indoor Fluorescent LuminairesApproved Method: Photometric Testing of Indoor Luminaires Using High Intensity Discharge or Incandescent Filament LampsPhotometric Testing of Entertainment Lighting Luminaires Using Incandescent Filament Lamps or High Intensity Discharge LampsApproved Method: Intensity Distribution Measurement of Luminaires and Lamps Using Digital Screen Imaging PhotometryApproved Method: Photometric Testing of Skylights and Tubular Daylighting Devices Under Hemispheric Sky ConditionsApproved Method: Photometric Testing of Skylights and Tubular Daylighting Devices under Hemispherical Sky ConditionsApproved Method: Application Distance RadiometryApproved Method: IES Guide for the Selection, Care, and Use of Electrical Instruments in the Photometric LaboratoryApproved Method: Testing the Calibration of Locking Type Photoelectric Control Devices Used in Outdoor ApplicationsApproved Method: IES Guide to Lamp SeasoningApproved Method: Spectroradiometric Measurement Methods for Light SourceApproved Method: Identifying Operating Factors for Installed High Intensity Discharge LuminairesApproved Method: Laboratory or Field Thermal Measurements of Fluorescent Lamps and Ballasts in LuminairesApproved Method: Total Luminous Flux Measurement of Lamps using an Integrating Sphere PhotometerApproved Method: Optical and Electrical Measurements of Solid-State Lighting ProductsApproved Method: Characterization of Optical and Electrical Properties of Solid-State Lighting Products as a Function of TemperatureApproved Method: Measuring Luminous Flux Waveforms for Use in Temporal Light Artifact (TLA) CalculationsPhotometric and Electrical Measurements of Tunable-White Solid-State Lighting ProductsApproved Method: Life Testing of Fluorescent LampsApproved Method: Identifying Operating Factors for Installed High Intensity Discharge LuminairesIES Standard File Format for the Electronic Transfer of Photometric Data and Related InformationApproved Method: Measuring Maintenance of Light Output Characteristics of Solid State Light SourcesApproved Method: Measuring Optical Radiation Maintenance of LED Lamps, Light Engines, and LuminairesApproved Method: Measuring Luminous Flux and Color Maintenance of Remote Phosphor ComponentsTechnical Memorandum: Projecting Long-Term Lumen, Photon, and Radiant Flux Maintenance Of LED Light SourcesTechnical Memorandum: Projecting Long-Term Luminous Flux Maintenance of LED Lamps and LuminairesTechnical Memorandum: Projecting Long-Term Chromaticity Coordinate Shift of LED Packages, Arrays, and Modules 1906-2025 Illuminating Engineering SocietyIES, The Lighting Authority, LD+A, Leukos, Street and Area Lighting Conference (SALC), Light for Life, and Lighting Library are registered trademarks of the Illuminating Engineering Society. 1906-2025 Illuminating Engineering SocietyIES, The Lighting Authority, LD+A, Leukos, Street and Area Lighting Conference (SALC), Light for Life, and Lighting Library are registered trademarks of the Illuminating Engineering Society.HELLO We are IES MENA!Established in 1906, the Illuminating Engineering Society (IES) is the most recognized technical and educational authority worldwide on illumination and the art of architectural lighting design.As the newest Chapter of the Illuminating Engineering Society, IES Middle East and North Africa (MENA) aims to enrich the local knowledge, experience, and expertise of all lighting enthusiasts in the region by extending the Illuminating Engineering Societys operations to the region.By joining IES MENA, members are not just joining a community; they are gaining access to an exclusive network of seasoned global professionals. This network, combined with our current educational resources and professional development opportunities, is designed to propel their careers forward in the lighting field. Whether youre a lighting designer, architect, engineer, or a student aspiring to enter the field, you will have exclusive access to cutting-edge research, participation in local industry-leading lighting events, and collaboration with top regional professionals. All of these benefits are tailored to your growth and success in lighting. Our mission at IES MENA is not just about improving the lit environment. Its about bringing together those with expert knowledge in the architectural lighting field and translating that knowledge into actions that benefit the public. By joining us, our members not only advance their careers but also contribute to a brighter, more sustainable future for all, instilling in them a sense of purpose and contribution.IES MENA is more than maintaining the existing lighting community in the Middle East and North Africa. We are committed to elevating its presence with out-of-the-box thinking and achieving new heights. Our dedication to promoting the art & science of quality lighting to our members, allied professional organizations, and the design profession is unwavering. Our unique contributions as seasoned professionals in building and designing cities provide a significant impact as we collectively blaze a new trail for the next generation of lighting enthusiasts by creating considerable impact, inspiring and exciting our audience.The IES is dedicated to the professional growth of its members worldwide. We offer diverse professional development programs, including workshops, webinars, and certification courses. These programs are tailored to the needs of our members and designed to enhance their skills and knowledge in architectural lighting.We publish and maintain a wealth of professional development publications, such as access to our comprehensive Lighting Library, a collection of over 100 standards authored by subject matter experts in our technical committees. Additionally, we organize numerous seminars, workshops, and social activities throughout the year. These include hands-on lighting design workshops, webinars on the latest lighting technologies, and networking events with industry leaders. These activities and resources are designed to promote our mission and vision, providing a platform for knowledge sharing and professional growth that is inclusive to all professionals in the lighting design field. HELLO - We are IES MENA!Established in 1906, the Illuminating Engineering Society (IES) is the most recognized technical and educational authority worldwide on illumination and the art of architectural lighting design.As the newest Chapter of the Illuminating Engineering Society, IES Middle East and North Africa (MENA) aims to enrich the local knowledge, experience, and expertise of all lighting enthusiasts in the region by extending the Illuminating Engineering Society's operations to the region.By joining IES MENA, members are not just joining a community; they are gaining access to an exclusive network of seasoned global professionals. This network, combined with our current educational resources and professional development opportunities, is designed to propel their careers forward in the lighting field. 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DOE deliberately set the bar high, with ambitious innovation goals for efficiency, sustainability, connectivity, and more. Six winning prototypes demonstrated extraordinary performance and capabilities, and this session will gather these leading-edge innovators to explore what they see as the biggest remaining challenges, and what this prize teaches us about future research needs.Moderator: Gabe Arnold, Pacific Northwest National Laboratory Scott Metker, AutaniCary Eskow, Grid Interactive Efficient Building Alliance (GiEBA)Sean Darras, lightlyStephen Zhou, McWong InternationalDavid Woodward and Magdalena Beverly, SignifyLocated in Broadway BallroomEmerging Professionals Networking ReceptionPresidents Opening Reception & Society Awards, sponsored by Cooper LightingLight and Health: Translating Research into RecommendationsFor more than two decades, the academic research community has been investigating the impact of light on human health and wellbeing. While this remains an active area of research, new recommendations for indoor light exposure have emerged, considering the sensitivity of the human circadian, neuroendocrine, and alerting responses to light. This session provides an overview of the latest research findings, how these findings have been integrated into current recommendations for indoor light exposure, and finally, how these recommendations translate to lighting design and practice. Moderator: Morgan Pattison, SSLS, Inc.Steven Lockley, Harvard Medical SchoolRenske Lok, Stanford UniversityLisa Ostrin, University of HoustonNext-Generation Lighting ToolsAs the lighting industry evolves, so do our tools.Artificial intelligence is impacting design and is poised to be integrated into industry practice and processes.This session will address new products and software that are adapting to meet new market expectations.The internet, electronics, and telecom industries are converging with lighting with the intent of adding it to their offerings. Trends including decarbonization, lighting for health, and a circular economy are triggering new standards and regulations that provide guidance and guiderails for lighting professionals. Join knowledgeable experts for a discussion of the next generation of tools available and needed for architectural lighting to meet current and future demands. Moderator: Mark Lien, Illuminating Engineering Society Michael Davidson, Synapse WirelessThomas Paterson, Lux PopuliEve Phillips, Capital One, formerly of Google AIJon Sargent, SolemmaNovel Methods for Post-Occupancy EvaluationsPost-occupancy evaluations are somewhat common practice for measuring the success of a lighting project, testing a design hypothesis, or identifying lessons learned for future designers. Historically, these evaluations have linked relatively static estimates of lighting quantities to occupant feedback collected from surveys or interviews; however, new technology has enabled more sophisticated assessments of increasingly capable daylighting and electric lighting systems. This session will highlight novel methods for characterizing occupant light exposure and discuss how these methods can deepen our understanding of the relationship between lighting conditions in real-world applications and occupant outcomes. Moderator: Andrea Wilkerson, Pacific Northwest National Laboratory Mike Martinez, Atelier TenShadab Rahman, Harvard Medical School/Brigham and Womens HospitalSiobhan Rockcastle,University of OregonOptional Tour of Pacific Northwest National Laboratory Lighting Science & Technology LabUp to 24 CEUs are available at this conferenceIES Board of Directors Meeting(Invite Only)TBD Walking Tour Workshop*Additonal Fee*EP/LF Breakfast (Invite Only)Emerging Professionals Day (Additional Registration Required)Elite Ballroom & Off-SiteLeadership Forum (Additional Registration Required)Global Lighting Summit (Invite Only)Workshop: Lets Talk About DALIRick Miller, Carol Jones, *Additonal Fee*Workshop: Realtime Lighting WorkshopGarland King, Tyler Starow, *Additonal Fee*Workshop: Omnidirectional HDR Photography Workshop: Advanced Daylight Analysis and Revit-Integrated Workflow for Architects, Lighting Designers, and Engineers *Additonal Fee*Table Top & Exhibit ReceptionOpening Reception and Society AwardsGeneral Session & Opening KeynoteHow Lighting Standards Shape Specification SheetsBrienne Willcock, Cameron MillerLessons Learned from Light Justice Projects Research Track:Research SummaryRick MistrickEffects of Enhanced Circadian Lighting on Well-Being Among Older Adults: Pilot Data from a 16-Week Placebo-Controlled TrialLinhao LiResearch Track:Research SummaryRick MistrickUpdate on Development of IES Test Methods for UV-Emitting DevicesJason TuengeAndrew JacksonPlatinum 7Platinum 8Platinum 9Platinum 10Lunch & Exhibits NetworkingResearch Track: Poster PresentationsLighting in Trauma Informed Design Spaces Building the Foundation for a Better NighttimeRick UttingResearch Track:Lighting, Sleep, and Cognitive Performance in Healthy Aging: A Review of Research MethodologiesMahya FaniLight Exposure and Sleep Quality as Predictors of Migraine Onset, Frequency, and Severity: Insights from a Prospective Cohort StudyMahya FaniResearch Track:Experimental Validation of GUV Simulation Tools for Fluence Rate & Irradiance PredictionValeria HollandCALiPER Radiometric Testing of Germicidal UV Products, Round 4: Interlaboratory Comparison TestingJason TuengePlatinum 7Platinum 8Platinum 9Platinum 10Expanding Our Understanding of Light and Health Light Throughout Decades of Vehicle Design Research Track:Light Sensitivity and Sleep in Migraine: A Cross-Sectional StudyNina SharpWork Zone Glare Measurement Mobile ApplicationRugved KoreShreyas BhatResearch Track:LM-98 In-Situ Measurements That Bridge the Gap from Safety to TM-21 CalculationsJonathan VollersA Look at Laboratory Test Results: Flicker and Color Performance of Common LED Retrofit ProductsSarah SafranekJessica KellyPlatinum 7Platinum 8Platinum 9Platinum 10Tech Meets Design: How AI is Reshaping the Lighting Industry Color, Flicker, and Glare Walk Into a Bar Research Track:Interactive Computational Optimization of IlluminationLinas BeresnaGaze-Dependent Lighting Optimization and its Implications on Lighting Application EfficacyWenkai BianWenye HuResearch Track:Limitations on Projection of LED Performance: A Realistic Guide to LED LifetimeEric BretschneiderPlatinum 7Platinum 8Platinum 9Platinum 10Award Recipients Photos (Private)Illumination Awards Cocktail ReceptionIllumination Award Post-Reception (Sponsored by Acuity Brands)Why Is It Challenging to Integrate Lighting and HVAC Systems, and How Can Those Challenges Be Overcome?The Unique Challenges of Modernizing Industrial Lighting SystemsJason SelfRoger LaneResearch Track:Exploring the Impact of Combined Spatial Design and Lighting Conditions on Indoor Comfort and Cognitive Performance in Virtual Reality EnvironmentsSeonghyuk SonA 3D-printed Optic for Use in Museum Lighting Light FixturesKai-Di PengNadarajah Narendran Platinum 7Platinum 8Platinum 9Cove Lighting in History, Documentation, and Current Projects Salutogenic Lighting Design Looking Beyond the Clich and the FuzzResearch Track:Balancing Light Pollution and Color Perception: Effects of Dim Amber, Red and White LightingYue LiuDevelopment of a Moon Metric to Characterize Roadway Lighting Impact on Flora and FaunaRonald Gibbons Platinum 7Platinum 8Platinum 9Lunch & Exhibits NetworkingConstructing Reflections Augmenting Specular Surfaces to Construct Light Drawings Sports Lighting for Owners, Athletes, Spectators, and GamblersResearch Track:Optimizing Crosswalk Illumination: The Impact of Bollard Lighting on Pedestrian Detection and SafetyRugved KoreRonald GibbonsLessons Learned Generating High Quality Lighting Renderings Using Manufacturers BIM ModelsRick Mistrick Platinum 7Platinum 8Platinum 9Santa Ana Street Lighting Master Plan Using Big Data & Public Engagement to Improve Safety & Equity with Responsible Design Unlock the Power of Melanopic Lighting: Practical Guidance and Action Items for Successful Implementation Research Track:Virtual Home Staging: Editing and Relighting Indoor Scenes from a Single PanoramaGuanzhou Ji Optimized Hybrid Facade Module Configuration Based on Luminance on the Window and Useful IlluminanceZhina RashidzadehNegar Heidari Matin Platinum 7Platinum 8Platinum 9The Linguistics of the Language of Color DALI, HVAC & the Planet: A Bright Idea for Decarbonization Platinum 7Platinum 8Platinum 9Times, sessions, and locations subject to change.Gain insight and learn, with 30 sessions to choose fromJoin our introductory keynote for inspiration and experienceEarn up to 24 CEU Credits during IES25: The Lighting ConferenceParticipate in our in-depth papers & posters sessionsExplore & network with over 30 industry leading companiesEnjoy complimentary food & beverages throughout the conferenceExpand your connections with numerous networking events and opportunitiesDiscover the latest innovations, products and Industry StandardsIES Member Full Registration (IA Gala included)Non-Member Full Registration (IA Gala included)Emerging Professional Full Registration (IA Gala included)Student Full Registration (IA Gala not 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Refunds of registrations paid by check will be made by check to the person or organization that issued the cheque.All refunds should be requested in writing by completing the Refund Request form and emailed to oloukina@ies.org (over-the-phone cancellations will NOT be accepted).ALL cancellations and refunds processed will incur a $99 cancellation/processing feeIES has a policy of no-solicitation. Unauthorized solicitation at the conference or in the exhibit hall is strictly prohibited. This includes the distribution of samples, souvenirs, publications, etc., or other sales promotion activities. These activities may be conducted by paid exhibitors and sponsors only from within their respective booths. Anyone found violating this policy will be asked to leave immediately. No refunds for registration fees will be given if you are found to have violated this policy. 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Our strength is our diversified membership consisting of engineers, architects, designers, educators, students, contractors, distributors, utility personnel, manufacturers, and scientists, all contributing to the mission of the society: to advance knowledge and disseminate information of the improvement of the lighted environment to the benefit of everyone.

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