Attendee Brochure

Las Vegas Convention Center
Las Vegas, NV

Trade Show
May 5–7, 2020

Conference
May 3–7, 2020

Register today at Lightfair.com
Welcome to LightFair 2020!

At LightFair, join professionals from around the globe to experience the latest innovations in commercial lighting. Be inspired by new designs and cutting-edge technologies from more than 500 exhibitors. Network with peers from all areas of lighting, design and architecture. Learn from industry experts and advance your professional knowledge.

As we return to Las Vegas, we’re introducing exciting new experiences, partnerships, lounges & more to LightFair 2020. With new opportunities around every corner, don’t miss the year’s premier annual event in commercial and architectural lighting and technology.

Experience it all at LightFair.

Register today at Lightfair.com

Make the most of your time at LightFair with networking and learning opportunities designed for professionals like you. In addition to attending conference sessions and exhibitor-led presentations, explore a host of other opportunities to stay informed and grow your industry connections.

Loyalty Lounge

Our way of saying Thanks! Loyal returning attendees enjoy concierge check-in, complimentary refreshments and more.

News Center

Be the first to catch the buzz as it happens. Get front-row seats to interviews and industry conversations.

Curated Pavilion Tours

Explore the floor with industry pros to get the scoop on trends and innovations.

Headshot Booth

Boost your business profile with a complimentary professional headshot.

Design Theater*

Open to all attendees. Learn from and interact with leaders and peers in the Architectural Lighting and Design industry.

* Design-Focused Presentations* | PechaKucha with WILD Storytelling Presentation and Networking Event in partnership with Women in Lighting Design.* CEU credits available

Plus, don’t miss

- IES & IALD Gallery of Awards
- IALD Session: Certified Lighting Designer (CLD)
- New Attendee Orientation + Curated Tour
- WILD Wednesday AM Yoga
- Annual IALD International Lighting Design Awards
- LightFair Live with Daily Exhibitor Spotlights and more.

Cash bars located conveniently everywhere!
Sir David Adjaye OBE is recognized as a leading architect of his generation. Born in Tanzania to Ghanaian parents, his broadly ranging influences, ingenious use of materials and sculptural ability have established him as an architect with an artist’s sensibility and vision. In 2000, he founded Adjaye Associates, which now has offices in London, New York and Accra with projects in the US, UK, Europe, Africa, Asia and the Middle East. His largest project to date, the $540 million Smithsonian Institution National Museum of African American History and Culture, opened on the National Mall in Washington DC in fall of 2016. The museum was named Cultural Event of the Year by the New York Times and the Beazley Design of the Year by the Design Museum.

Karim Rashid is one of the most prolific designers of his generation. Over 4,000 designs in production, over 300 awards and working in over 35 countries attest to Karim’s legend of design. His award-winning designs include democratic objects such as the ubiquitous Garbo waste can and Oh Chair for Umbra, interiors such as the Morimoto restaurant, Philadelphia and Semiramis hotel, Athens. Karim collaborated with clients to create democratic design for Method and Dirt Devil, furniture for Artemide and BoConcept, brand identity for Citibank and Hyundai, high tech products for LaCie and Samsung, and luxury goods for Veuve Clicquot and Swarovski, to name a few. Karim’s work is featured in 20 permanent collections and he exhibits art in galleries worldwide. Karim is a perennial winner of the Red Dot award, Chicago Athenaeum Good Design award, I.D. Magazine Annual Design Review, IDSA Industrial Design Excellence Award.
# LightFair Pre-Conference, May 3–4, 2020

## 2-Day Courses

### Sunday May 3 and Monday May 4, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am–5:00 pm</td>
<td>L20L01 Basic Lighting</td>
<td>Michelle Eble-Hankins</td>
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<td>L20L02 Intermediate Lighting</td>
<td>Craig Bernecker</td>
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<tr>
<td></td>
<td>L20L03 AGi32 Basic Course</td>
<td>Donna Gaford, Doug Ross</td>
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<tr>
<td></td>
<td>L20L04 Networked Lighting Controls Hands-On</td>
<td>Armando Berdiel, Shaun Darragh</td>
</tr>
</tbody>
</table>

## 1-Day Courses

### Sunday May 3, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am–5:00 pm</td>
<td>L20L06 Bluetooth Mesh Primer for Lighting Professionals. From Theory to Hands-On.</td>
<td>Simon Slupik</td>
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</tbody>
</table>

### Monday May 4, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am–5:00 pm</td>
<td>L20L07 Control Intent Narratives and Sequences of Operation for Lighting Controls</td>
<td>Lyn Gomes, Rick Miller</td>
</tr>
<tr>
<td></td>
<td>L20L08 LED Luminaire Design: Beyond the Basics, Tips and Tricks for a Better Product</td>
<td>Brian Coates, Bob Householder, Paul Scheidt, David Venhaus, Bernie Weir</td>
</tr>
<tr>
<td>12:15 pm–1:45 pm</td>
<td>L20KL2 Keynote Luncheon: Sir David Adjaye, Adjaye Associates</td>
<td>Sponsored by COOPER LIGHTING SOLUTIONS</td>
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## 3-Hour Courses

### Sunday May 3, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am–12:00 pm</td>
<td>L20W01 Accurately Applying Luminaire Photometry</td>
<td>Mark Jongewaard</td>
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<tr>
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<td>L20W02 Challenge the Flow: “Light and Water”</td>
<td>Paul Ehler; Ivica Jekić</td>
</tr>
<tr>
<td>2:00 pm–5:00 pm</td>
<td>L20W03 20/20 - The Vision of Today's Residential Lighting Design</td>
<td>Anne Kustner Haser, Gregg Mackell</td>
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<td></td>
<td>L20W04 Daylight Simulation, Glare Modeling and Lighting Energy Calculations</td>
<td>Liam Buckley</td>
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</tbody>
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### Monday May 4, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am–12:00 pm</td>
<td>L20W05 Lighting for Outdoor Pedestrian Spaces</td>
<td>Randy Burkett, Nancy Clanton, Naomi Miller, Rick Utting</td>
</tr>
<tr>
<td></td>
<td>L20W06 LEDs, Lighting Controls and Sensors 101</td>
<td>John Curran</td>
</tr>
<tr>
<td>2:00 pm–5:00 pm</td>
<td>L20W07 An IALD/CLD Portfolio Workshop</td>
<td>Jered Widmer, Ardra Zinkon</td>
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<tr>
<td></td>
<td>L20W08 Designing Roadway Lighting with LEDs</td>
<td>Rick Kauffman</td>
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LightFair Conference, May 5–7, 2020

NEW Learning Tracks

Delve deeper into your specialty. Each track is packed with high-value, niche courses delivered by experts.

If you are in the industry, you don’t want to miss LightFair.

- 85 Conference Sessions
- Over 150 Sought-After Industry Speakers
- 6 Specialized Learning Tracks + Mix and Match Track
- Networking and Brand Collaboration Opportunities
- 200+ Hours of Courses
- Trend Watch
- CEU Credits
- Curated Tours
- Innovation Awards
- Product Debuts

Learn more online at www.lightfair.com/schedule

Special Events

Maximize your experience by planning ahead. Make a note of the special events and tours you don’t want to miss.

Monday May 4, 2020

6:30 pm-8:00 pm

LF Innovation Awards

Tuesday May 5, 2020

9:30 am-11:00 am

L20SP4 New Attendee Orientation & Tour
Hitting it Big for Rookies - Tips and Tricks for Winning at LightFair!
Carla Bukalski, Lisa Reed

12:15 pm-1:45 pm

L20SP5 Opening Day Speaker: Karim Rashid, Karim Rashid Inc.

L20LL1 Exhibitor Led Lunch & Learn
Lighting + Acoustics: Does it Make Sense?
Sponsored by COOPER LIGHTING SOLUTIONS

Wednesday May 6, 2020

12:15 pm-1:45 pm

L20LL2 Exhibitor Led Lunch & Learn
Sponsored by ACUITY BRANDS LIGHTING

L20NE1 NCQLP Luncheon
This track focuses on methodology, design trends, tools and insights used to enable project success in the field of lighting.

**Tuesday May 5, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>2:00 pm–3:30 pm</td>
<td>L20AE1 Data-Driven Public Lighting Design</td>
</tr>
<tr>
<td></td>
<td>Ronald Gibbons, Naomi Miller, Bob Parks</td>
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<tr>
<td>4:30 pm–6:00 pm</td>
<td>L20AE2 Daylight Harvesting: Is It Worth the Hassle (Yet)?</td>
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<td>Craig Bernecker, Dan Blitzer, Aram Ebben, Ruth Taylor</td>
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**Wednesday May 6, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:30 am–9:30 am</td>
<td>L20AE3 Owning the Code: From the Front Lines of Title 24</td>
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<td>James Benya, Clifton Stanley Lemon</td>
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<tr>
<td>10:00 am–11:00 am</td>
<td>L20AE4 M/P Ratios: What Are They Good For? How Are They Calculated?</td>
</tr>
<tr>
<td></td>
<td>Anne Irvin, Naomi Miller</td>
</tr>
<tr>
<td>11:30 am–12:30 pm</td>
<td>L20AE5 Integrating LED into Our Landscape Lighting Design</td>
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<tr>
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<td>Janet Lennox Moyer</td>
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<tr>
<td>2:00 pm–3:00 pm</td>
<td>L20AE6 Bridging the Gap: Research to Design</td>
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<tr>
<td></td>
<td>Rachel Fitzgerald, Katherine Stekr, Andrea Wilkerson</td>
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<tr>
<td>3:30 pm–4:30 pm</td>
<td>L20AE7 Lighting for Healthcare: Enhancing the Healing Experience for Children</td>
</tr>
<tr>
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<td>Gabriela Jacobsen</td>
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<tr>
<td>5:00 pm–6:00 pm</td>
<td>L20AE8 Kitchens and Homes: Updating Best Practices</td>
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<td>Doug Walter</td>
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**Thursday May 7, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:30 am–10:00 am</td>
<td>L20AE9 Tailored Interventions in Stem Cell Cancer Transplant Units and NICUs</td>
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<tr>
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<td>Mariana Figueiro, Patricia Rizzo, Robert White</td>
</tr>
<tr>
<td>10:30 am–12:00 pm</td>
<td>L20AE10 A Spectral Day in the Life of a Care Center Resident</td>
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<td>Jessica Collier, Naomi Miller, Eunice Noell-Waggoner</td>
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</table>
This track covers the tools we as an industry may use to bring our designs to fruition.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>2:00 pm–3:30 pm</td>
<td><strong>L20DT1 Luminaire Design - A Lighting Perspective</strong></td>
<td>Peter Ngai</td>
</tr>
<tr>
<td>4:30 pm–6:00 pm</td>
<td><strong>L20DT2 Importance of LED Lighting Standards and Regulations</strong></td>
<td>Tanya Hernandez, Jianzhong Jiao</td>
</tr>
<tr>
<td>8:30 am–9:30 am</td>
<td><strong>L20DT3 Enhancing Lighting Design Workflows with Revit and Dynamo</strong></td>
<td>Kuan Li, Shashank Singal</td>
</tr>
<tr>
<td>10:00 am–11:00 am</td>
<td><strong>L20DT4 (Color) Shifting the Conversation about TM-30</strong></td>
<td>Wendy Luedtke</td>
</tr>
<tr>
<td>11:30 am–12:30 pm</td>
<td><strong>L20DT5 LM-entary: Understanding the Update to LM83 - IES Daylighting Standard</strong></td>
<td>Craig Casey, Kevin Van Den Wymelenberg</td>
</tr>
<tr>
<td>2:00 pm–3:00 pm</td>
<td><strong>L20DT6 Designing Visually Accessible Spaces: Low Vision Visual Hazard Prediction</strong></td>
<td>Rob Shakespeare</td>
</tr>
<tr>
<td>3:30 pm–4:30 pm</td>
<td><strong>L20DT7 Luminous + Acoustic Surfaces - A New Paradigm in Lighting Design</strong></td>
<td>Adam Carangi, Josue Citron</td>
</tr>
<tr>
<td>5:00 pm–6:00 pm</td>
<td><strong>L20DT8 Community Friendly Lighting Certification Training</strong></td>
<td>Bob Parks</td>
</tr>
<tr>
<td>8:30 am–10:00 am</td>
<td><strong>L20DT9 Dynamic Design Dojo - Bringing Updated Lighting Options to Your Clients</strong></td>
<td>Cy Eaton, Le Nguyen</td>
</tr>
<tr>
<td>10:30 am–12:00 pm</td>
<td><strong>L20DT10 Color and Light: Nature’s Guide to Designing Better Interiors</strong></td>
<td>Gloria Jaroff</td>
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<tr>
<td>Human Experience + Environment</td>
<td>Innovation + Process</td>
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<tr>
<td>This track will explore the influence of lighting on the human experience and the environment.</td>
<td>This track will explore sources of inspiration that inform the design process along with technology development.</td>
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</tbody>
</table>
| **L20HE1** Compassionate Lighting for the Future Urban Night  
Francesca Bastianini, Shaun Fillion, Alex Pappas-Kalber, Jane Slade | **L20IP1** Keeping Up with Change  
Rob Cilic, Mark Lien, Michael Lunn, Paula Ziegenbein |
| **L20HE2** The Science of Healthy Lighting: Blue-Rich Days and Blue-Depleted Nights?  
David Blask Ph.D., M.D., Martin Moore-Ede, Kenneth Wright | **L20IP2** Lighting as a Branding Tool  
C. Lindsey Perkins, Andy Powell, Ashley Yin |
| **L20HE3** On the Waterfront: Light for the People  
Charles Stone | **L20IP3** PoE for Lighting and the Intelligent Building  
Galit Mendelson, Michael Pearce |
| **L20HE4** Downshifting Lighting Design: Slow Design Principles Within Cost-Driven Industries  
Dr. Amerdeep Dugar; Jane Slade | **L20IP5** New Media Technologies in the Future of Architainment Design  
Robert Pope |
| **L20HE5** Skin Deep: Peeling Back the LIGHT / SKIN Connection  
Deborah Burnett | **L20IP6** How 3D Printing will Fuel Lighting’s Next Big Transformation  
Marc Franz, Mara Hitner, Gary Trott |
| **L20HE6** Style in Degrees Kevin. LED Lighting and the Rainbow Bridge  
Steven Klein | **L20IP7** Design Responsive Lighting Control - A Digital Gateway  
Jean Koeppel, Kenneth Yarnell |
| **L20HE7** KELO Art Residences - Light As a Human Right in Affordable Housing  
Juan Gabriel Moreno | **L20IP8** Standardization of the Lighting IoT Platform  
Martin Mercier |
| **L20HE8** Defining Dark Sky: A Discussion of Pro-Dark Metrics and Practices  
Kate Sweater |                                            |
| **L20HE9** Everything is Acoustic  
Zachery Belanger; Caleb Patterson | **L20IP9** The Energy of Light  
Javid Butler, Kayla Brown Cestero |
| **L20HE10** Life-Changing Lighting: A Case Study on Lighting for Children with Autism  
Dave Bisbee, Connie Samla | **L20IP10** Energy Efficiency, Quality, and Connected Lighting: How to Have it All!  
Kandice Cohen, Dan Mellinger, Wendy Norman, Liesel Whitney-Schulte |
This track focuses on the design and specification of components and software that advance technology in the lighting industry.

**Tuesday May 5, 2020**

**2:00 pm–3:30 pm**

L20T11 Lighting Controls: New Documents & Emergency Lighting Controls
Lyn Gomes, Mitch Hefter, Shoshanna Segal, Steve Terry

**4:30 pm–6:00 pm**

L20T12 The Digital Age of Lighting Controls
C. Webster Marsh

**Wednesday May 6, 2020**

**8:30 am–9:30 am**

L20T13 Demystifying Tunable-White Lighting
Steve Mesh, Gary Meshberg

**10:00 am–11:00 am**

L20T14 Connected Lighting Security in the Dark?
Jazib Frahim, Mark-David McLaughlin

**11:30 am–12:30 pm**

L20T15 The Migration of Lighting Standards from Component Based to Systems Based
Ernesto Mendoza, Howard Wolfman

**2:00 pm–3:00 pm**

L20T16 Smart Lighting: Innovating Interoperability and User Experiences
Kyeongik Min

**3:30 pm–4:30 pm**

L20T17 Cities Embracing Smart Street Lighting and Smart CMS
Simon Dunkley

**5:00 pm–6:00 pm**

L20T18 Understanding the Smart Campus
Gary Meshberg

**Thursday May 7, 2020**

**8:30 am–10:00 am**

L20T19 Understanding DMX Data Distribution and RDM
Stephen Ellison

**10:30 am–12:00 pm**

L20T10 Motion Sensors in the Parking Lot. Really?
Chip Israel, Nate Mitten, Ruth Taylor
<table>
<thead>
<tr>
<th>Professional Practice</th>
<th>Mix and Match</th>
</tr>
</thead>
</table>
| **L20PP1** Squeezing the Code Turnip: Costs, Comparisons, Compliance and Changes  
Kelly Cunningham, Harold Jepsen, Gina Rodda | **L20MM1** Brightness Levels to Comfort the Eye  
Markus Reisinger |
| **L20PP2** Careers 101 - Resumes, Interviews, Promotions, Start-Ups  
Nansi Barrie, Francesca Bastianini, Lee Brandt, Brooke Ziolo | **L20MM2** Love and Law: Using Contracts to Transform your Organization  
Eliot Wagonheim |
| **L20PP3** Difficult Client “How To” Guide for Success  
Hailey Robson | **L20MM3** Reflected Glare in the Environment  
Marc Schiler |
| **L20PP4** Oops! Was THAT in the Energy Code?!  
Deborah Steimel-Clair | **L20MM4** Circadian Lighting: Science & Application in Healthcare & Behavioral Health  
Lisa Bartlett, Robert Soler |
| **L20PP5** Beyond Lighting and Semantics  
Alp Durmus | **L20MM5** Don’t Kill Your Golden Goose - Protect & Perpetuate Your Business  
Larry Oxenham |
| **L20PP6** A Guide to Intellectual Property: Turn Your Ideas into Gold  
William Honaker | **L20MM6** Lighting Controls Systems Integrators: Why and When to Specify Them  
Adam Levine, C. Webster Marsh |
| **L20PP7** Cities and Specifiers: Creating Strong Partnerships  
Gordon Feller, Chris Davis | **L20MM7** Photometry 101 a Primer  
Matthew Hartley |
| **L20PP8** Running Defense: Your Spec Against Value Engineering  
JP Bedell | **L20MM8** Letting the Outdoors In; The Use and Utility of Electrochromic Glazing  
Galen Burrell, Robert Guglielmetti, Ahoo Malekafzali, Andrew McNeil |
| **L20PP9** Is Your Company Missing Out on Tax Incentives for Your Lighting Designs?  
Jacob Goldman | **L20MM9** Exploring Retail Lighting Concepts in the Istanbul Airport  
Mustafa Akkaya |
| **L20PP10** 7 Field-Tested Best Practices to Getting More Lighting Retrofits Approved  
Mark Jewell | **L20MM10** Enhancing the Value of Lighting Controls: Multiple System Integration  
Kris Evans, Jennifer Li, Scott Schuetter, Chris Wolgamott |