# LIGHTING R&D WORKSHOP

Co-sponsored by the Illuminating Engineering Society

## Monday, February 1

| 11:00 a.m12:30 p.m. ET | Welcome and Keynotes   |   |  |
|------------------------|--|---|--|
| 1:00 p.m2:30 p.m. ET   | What Is Ideal Light?   |   |  |
| 3:00 p.m4:30 p.m. ET   | "Ask Me" Session: Connecting the Dots Between Light & Health Research and Practice   |   |  |
| 4:30 p.m5:30 p.m. ET   | Networking Sessions  General networking Young professionals and seasoned pros Lighting academics and manufacturers Lighting designers and manufacturers Physiological responses to light | <ul><li>LED materials and device science</li><li>OLEDs</li><li>Deploying new technologies</li><li>New lighting tech</li></ul> |  |

#### Tuesday, February 2

| 11:00 a.m12:30 p.m. ET | Realizing the Potential of GUV: Perspectives from SSL Technology Development |                                       |                            |  |
|------------------------|--|---------------------------------------|----------------------------|--|
| 1:00 p.m2:30 p.m. ET   | Value Metrics: Quantifying<br>Lighting Benefits                              | Advances in LED Materials and Devices | Advances in OLED Materials |  |
| 3:00 p.m4:30 p.m. ET   | Lighting Innovators  |                                       |                            |  |
| 4:30 p.m6:00 p.m. ET   | Poster Session 50+ Posters, Including Winners of Student Poster Competition  |                                       |                            |  |

# Wednesday, February 3

| 11:00 a.m12:30 p.m. ET | Lighting & Displays Cross-Cutting R&D   |   |  |
|------------------------|---|---|--|
| 1:00 p.m2:30 p.m. ET   | Glare and Diffuse Lighting  |   |  |
| 3:00 p.m4:30 p.m. ET   | Incorporating New Tools to Advance Lighting Products and Practice in 2021   |   |  |
|                        | Topic Tables  |   |  |
| 4:30 p.m6:00 p.m. ET   | <ul> <li>Opportunities for lighting workforce development</li> <li>New lighting metrics</li> <li>GUV—R&amp;D and deployment challenges</li> <li>Displays—reducing energy consumption with new technology</li> <li>Horticultural lighting</li> <li>Animal responses to light and sky glow</li> <li>LED materials and devices</li> <li>Phosphors and photoluminescent quantum dots</li> </ul> | <ul> <li>Directions in secondary optics</li> <li>Realizing advanced luminaires</li> <li>Lighting manufacturing and sustainability</li> <li>Lighting application efficiency</li> <li>Physiological responses to light</li> <li>OLED materials and devices</li> <li>OLED panels and manufacturing</li> <li>Power and functional electronics, sensors, and controls</li> <li>Using data from connected lighting</li> <li>Grid-interactive buildings</li> </ul> |  |

## Thursday, February 4

| 11:00 a.m12:30 p.m. ET | Data's Role in the Future of Building Design and Operation                |                               |  |
|------------------------|---|-------------------------------|--|
| 1:00 p.m2:30 p.m. ET   | The LED Lighting Supply Chain: Economics, Innovations, and Sustainability | OLED Manufacturing Challenges |  |
| 3:00 p.m4:30 p.m. ET   | Lighting the Future   |                               |  |