

EXTERIOR	DESIGN	HEALTHCARE	DOCENT TOUR	CONTROLS	CODE	GENERAL
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## Tuesday March 13

	ROOM: MURRAY HILL EAST		ROOM: MURRAY HILL WEST		ROOM: NASSAU
9:00am	<b>The Cross-Discipline Future of Lighting Design Education</b>				<b>PANEL</b>
9:30am	Lyn Godley, Jefferson University Associate Professor		<b>Bridging the Uncanny Valley - Enhancing the User Experience of Smart Lighting</b>		<b>Mixed Signals: Animating Lighting with Different Protocols</b>
10:00am	<b>DOCENT TOUR BEGINS</b> A free personal guided tour of LEDucation with an industry professional. All attendees welcome.		Brent Protzman, Lutron		Shaun Fillion, NYSID Chuck Cameron, Stan Deutsch Associates Jeff Hoinig, Cline Bettridge Bernstein Lighting Design Ted Hayes, RAB Lighting
10:30am	<b>The Futures So Bright U Gotta Wear Shades</b>				
11:00am	Steven Rosen, Available Light Adam Carangi, Lumenetix		<b>Contemporary Luminaire Design Trends</b>		<b>PANEL</b>
11:30am			Kevin Leadford, Acuity Brands Lighting		<b>How To Use TM-30</b>
12:00pm					Michael Royer, Pacific Northwest National Laboratory Jason Livingston, Studio T+L Wendy Luedtke, ETC
12:30pm	<b>Stargazing vs. Safety: The Dilemma of Exterior Lighting</b>		<b>When You Come to a Fork in the Road, Take It: Exploring The Paths to Energy Code Compliance</b>		
1:00pm	Jane Slade, RAB Lighting Shaun Fillion, NYSID		Marty Salzberg, Lighting Design		<b>PANEL</b>
1:30pm	<b>Using LED Lighting for Video in Conference and Other Spaces with Cameras</b>				<b>The Lovers of Light- a Point Counterpoint Game Show Discussion on Lighting Topics We Care About</b>
2:00pm	Brooke Silber, Jan & Brooke Luminae Jim Yorgey, Lutron		<b>Community Friendly Lighting</b>		Ron Steen, Xicato Dave Young, ETC Jana Owens, Fluxwerx Angelica Santana, CM Kling + Associates Natalia Lesniak, Lumen Architecture Marial Tavian Acevedo, Solus
2:30pm					
3:00pm	<b>Understanding California Title 24 and 20 and Its Impact on Lighting</b>		<b>Light and WELL Building Standard</b>		<b>PANEL</b>
3:30pm	Jamie Eck, Satco Nuvo Lighting		Joyce Reyes, LightBox Studios Michael Mehl, LightBox Studios Molly Dee, JB&B		<b>Challenges of Connected Lighting and Sensor Integration</b>
4:00pm					Kevin Martin, Northern Illinois University William Mills, Northern Illinois University Justin Cathey, Northern Illinois University
4:30pm	<b>Design for Human Experience</b>				
5:00pm	Alfred Borden, The Lighting Practice Anna Ammari, Studios Architecture		<b>What's So Smart About Smart Lighting Control Systems?</b>		<b>PANEL</b>
5:30pm			Anne Cheney, Melanie Freundlich Lighting Design		<b>Shall We Meet by the Elevator at 3000K.....? Characterizing Multichannel Lighting in Office and Hospitals</b>
6:00pm	<b>Dr. StrangeLED or: How I Learned to Stop Worrying ...</b>				Meg Smith, Philips Lighting Patricia Rizzo, Philips Lighting Chad Groshart, Atelier Ten
6:30pm	Kenneth Schutz, Focus Lighting		<b>Can Changes in Color Temperature Influence Subjective Impressions in an Environment?</b>		
7:00pm			Craig Bernecker, Parson School of Design, The Lighting Education Institute		

### Panels

Mixed Signals	Advanced
How To Use TM-30	Intermediate
The Lovers of Light	Intermediate
Challenges of Connected Lighting	Intermediate
Shall We Meet by the Elevator at 3000K	Intermediate
Rethinking Urban Pedestrian Lighting Metrics	Intermediate
Connected Lighting Systems:	Intermediate
Light for Improving Sleep, Treating Cancer Fatigue and Depression	Intermediate
Smithsonian Case Study	Intermediate

### Individual

Future So Bright	Intermediate
Stargazing	Intermediate
Video Conferencing	Intermediate
Title 24	Intermediate
Codes	Intermediate
Exterior	General
Dr. StrangeLED	General
Light and WELL Bldg	General
What is Smart Lighting	General
Design for Human Experience	Intermediate
Treat Building as a Patient	General
Power-over-Ethernet	Intermediate
Designing with OLEDs	General
Contemporary Luminaire Design	Intermediate
Bridging the Valley	General
Everything to Know Dimming	General
WELL Standards	General
Color Temp Changes	Intermediate
Spectral Design of Healthcare	Intermediate
Fish This Big LM80	Intermediate
Flicker	Intermediate
Wireless	Intermediate

## Wednesday March 14

	ROOM: MURRAY HILL EAST	ROOM: MURRAY HILL WEST	ROOM: NASSAU
8:30am			
9:00am	<b>Treat Your Building as a Patient: Improving Environmental Hygiene Using Visible Light Disinfection</b>	<b>The Future of Lighting Will Be Personalized</b> JP Bedell, Stan Deutsch Associates	<b>PANEL</b> <b>Rethinking Urban Pedestrian Lighting Metrics</b> Leora Radetsky, LIRC Rensselaer Polytechnic Institute Susanne Seiting, Philips Lighting
9:30am	Clifford Yahnke, Kenall Manufacturing	<b>DOCENT TOUR BEGINS</b> A free personal guided tour of LEDucation with an industry professional. All attendees welcome.	
10:00am			
10:30am	<b>Power-over-Ethernet (PoE) Lighting - Enabling Integrated, Automated Buildings</b>	<b>Everything You Ever Wanted to Know About Dimming LEDs</b> Tom Shearer and Ethan Biery, Lutron	
11:00am	Randy Jones, Engineering Manager, H.E. Williams, Inc.  <i>*Please note this seminar is replacing Circadian Lighting in the Workplace: A Case Study by Joe Vose, Light Bureau</i>		<b>PANEL</b> <b>The Presidents Get Connected - A Smithsonian Case Study in Connected Lighting</b> Alexander Cooper, National Portrait Gallery The Smithsonian Ken Kane, Lighting Services, Inc. Ron Steen, Xicato
11:30am		<b>Implementing Scientific Research in the Built Environment</b> Gayathri Unnikrishnan, Intl WELL Building Standard	
12:00pm	<b>Designing with OLEDs and Integration Components</b> Giana Phelan, OLEDWorks LLC Michael Fusco, LED Specialists		
12:30pm			
1:00pm		<b>SESSION CANCELLED</b>	<b>PANEL</b>
1:30pm	<b>Spectral Design of Healthcare Environment</b> Robert Soler, BIOS Lighting	<b>Seeing Light in a New Way: The Science, Impact and Technological Remedies of Flicker</b> John K Roberts, Cree. Inc.	<b>Connected Lighting Systems: How Easy is Easy?</b> Daniel Blitzer, The Practical Lighting Workshop Ruth Taylor, PNNL Melanie Taylor, WSP
2:00pm			
2:30pm		<b>Applying Wireless Technologies in Smart Buildings</b> Michael Lunn, Eaton	
3:00pm	<b>The Fish Was Thiiiiis BIG! The Realities of LM-80/TM-21 &amp; Setting False Lifetime Expectations</b>		<b>PANEL</b> <b>Light for Improving Sleep, Treating Cancer Fatigue and Depression: A Field Study</b> Mariana Figueiro, LRC Rensselaer Polytechnic Institute William Redd, Icahn School of Medicine at Mount Sinai Sandra Stashik, Acuity Brands Lighting
3:30pm	Erik Swenson, Nichia Corporation		
4:00pm			