

Pre-Show Workshops

MONDAY







Monday July 15	
8:30am - 5pm	<p style="text-align: center;">Spotlight on RGB</p> <p style="text-align: center;"><i>Drew Hickman, Holiday Technologies</i></p>

TUESDAY / WEDNESDAY

	Tuesday July 16	Wednesday July 17
8:30am - 5pm	<p style="text-align: center;">Light-O-Rama In-Depth Pre-Show Workshop Day 1</p> <p style="text-align: center;"><i>Drew Hickman, Holiday Technologies</i></p>	<p style="text-align: center;">Light-O-Rama In-Depth Pre-Show Workshop Day 2</p> <p style="text-align: center;"><i>Drew Hickman, Holiday Technologies</i></p>

TUESDAY / WEDNESDAY

	Tuesday July 16	Wednesday July 17
8:30am - 5pm	<p style="text-align: center;">xLights In-Depth Workshop Day 1</p> <p style="text-align: center;"><i>Sean Meighan Keith Westley, xLights</i></p>	<p style="text-align: center;">xLights In-Depth Workshop Day 2</p> <p style="text-align: center;"><i>Sean Meighan Keith Westley, xLights</i></p>



ROOM	Vista Del Mar THURSDAY 7/18	Granada A-B THURSDAY 7/18	Granada C THURSDAY 7/18	Granada I THURSDAY 7/18	Granada D THURSDAY 7/18
8:30-9:30am	T1 Mastering Special Effects <i>Scott "Tater" Lynd</i>	T2 xLights: Introduction <i>Sean Meighan</i>	 T3 Illumination of Light <i>Mark Zembruski</i>	T4 Light-O-Rama: Getting Started with Animation with LOR <i>Scooter Paschall</i>	T5 DIY Wireless DMX over E1.31 <i>*Kit Fee additional</i> <i>Jay Danielson</i>
9:45-10:45am	T6 Light-O-Rama: The Art of Sequence Creation <i>Brian Bruderer</i>	T7 xLights 2019 Update <i>Keith Westley</i>	 T8 Custom Cables, Cords and Connectors <i>Kevin Thomas</i>	T9 Laser: Fundamentals of laser display for holiday decor <i>Adam Raugh, X-Laser</i>	T10 What You Need to Know to Organize a Holiday Drive-Thru Event <i>Tammy Peters</i>
11am - 12pm	Light-O-Rama ShowTime T11 Designer S5: Upgrading from S4 <i>Matt Brown</i>	T12 xLights 3D: Into the 3rd Dimension <i>Nick Rogers</i>	 T13 I love it when a plan comes together <i>Mark Zembruski</i>	T14 How to use Pixels and Still Have a Traditional Looking Display <i>Darren Huffty</i>	T15 Christmas Lighting History WS <i>Jeff Carter</i>
12-1:30pm	Lunch				
12pm	<----- VENDOR HALL OPENS ----->				
1:30 - 2:30pm	T16 Light-O-Rama S5: Modeling Your Display Part 1 <i>Matt Brown</i>	T17 xLights: An Introduction To Singing Faces <i>Joel Dearing</i>	 T18 Electrical 101 <i>Tim Griffith, Illuminating Design</i>	T19 Music's DNA <i>Aubrey Kall</i>	T20 Internet Controlled Christmas Lights <i>Tom Hammond</i>
2:45 - 3:45pm	T21 Light-O-Rama S5: Modeling Your Display Part 2 <i>Matt Brown</i>	T22 xLights: Model Render Buffers and Submodels <i>Scott Hanson</i>	 T23 Oh Christmas Tree <i>Mark Zembruski</i>	T24 Music's DNA <i>continued</i> <i>Aubrey Kall</i>	T25 xLights Development 101 <i>Keith Westley</i>
4:00 - 5:00pm	T26 Light-O-Rama S5: Adding Your 1st Smart Pixel Display Element <i>Matt Brown</i>	T27 xLights Using Buffers & Layers to Create...Effects <i>Clyde Lindsay</i>	 T28 I want to Start a Christmas Display - Now What? <i>Greg Konzal</i>	T29 Copyrights - Staying off the naughty list <i>Don Ekema</i>	T30 Back to the Future <i>Jeff Carter</i>
5-7pm	<----- VENDOR HALL OPEN FOR REGISTERED CONFERENCE TICKET HOLDERS -----> <----- RECEPTION SPONSORED BY LIGHT-O-RAMA ----->				

Although all attempts are made to keep changes to a minimum, class schedule is subject to change without notice.

***Requires pre-registration. Limited seating available.**



Indicates Decorating Basics Classes

ROOM	Vista Del Mar	Granada A-B	Granada C	Granada I	Granada D
	FRIDAY 7/19	FRIDAY 7/19	FRIDAY 7/19	FRIDAY 7/19	FRIDAY 7/19
8:30 - 9:30am	F31 Light-O-Rama S5: Sequencing Traditional Lights Part 1 <i>Matt Brown</i>	F32 xLights: Importing and Exporting Sequence Data <i>Sean Meighan</i>	 F33 The Art & Presentation of a Christmas Display: The Holy Grail <i>Mark Zemruski</i>	F34 Laser: Laser Light Show Design Session <i>Adam Raugh, X-Laser</i>	F35 *Business of Christmas Decorating: Estimating <i>Carrie Hazelip</i>
9:30am	<----- VENDOR HALL OPENS ----->				
9:45 - 10:45am	F36 Light-O-Rama S5: Sequencing Traditional Lights Part 2 <i>Matt Brown</i>	F37 xLights: Using Value Curves to Enhance Your Sequence <i>Barry Wiles</i>	F38 Utilizing Blow Molds in a Coordinated Light Show <i>Jeff Bartsch</i>	F39 To Pixel or Not to Pixel <i>Scooter Paschall, Holiday Technologies</i>	F40 *Business of Christmas Decorating: Installation & Maintenance <i>Carrie Hazelip</i>
11am - 12pm	F41 Light-O-Rama S5: Sequencer and Smart Pixels Part 1 <i>Matt Brown</i>	F42 xLights: The Virtual Matrix <i>Joel Dearing</i>	F43 Animators Guide to Electricity: The Basics <i>Jeff Oberst</i>	F44 DIY Building with plastics in and for your display using PVC, Coro, Acrylics, and Strips <i>Don McGillivray</i>	F45 *Business of Christmas Decorating: Materials & Products <i>Carrie Hazelip</i>
12-2pm	Lunch				
2:00 - 3:00pm	F46 Light-O-Rama S5: Sequencer and Smart Pixels Part 2 <i>Matt Brown</i>	F47 xLights: Building interactive shows <i>Tom Stallings</i>	 F48 What makes a great Christmas display? Interactive class <i>Chuck Smith</i>	F49 Indoor Decorating	F50 *Business of Christmas Decorating: How to Make it a Year-Round Business <i>Carrie Hazelip</i>
3:15 - 4:15pm	F51 Light-O-Rama: SuperStar Sequencer - New Features and Q&A <i>Brian Bruderer</i>	F52 Drone Flight School 101: How to safely and legally video your display <i>Carl Fuqua</i>	F53 Intro to DMX <i>Kevin Thomas</i>	F54 Indoor Decorating	F55 *Business of Christmas Decorating: Open Discussion <i>Carrie Hazelip</i>
5pm	<----- VENDOR HALL CLOSES 5pm ----->				
6-9pm	<----- DINNER AT JOE'S CRAB SHACK FOR REGISTERED CONFERENCE ATTENDEES ----->				

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 **Indicates Decorating Basics Classes**

ROOM	Vista Del Mar	Granada A-B	Granada C	Granada I	Granada D	Activities
	SATURDAY 7/20	SATURDAY 7/20	SATURDAY 7/20	SATURDAY 7/20	SATURDAY 7/20	
8:30 - 9:30am	S56 Light-O-Rama: Adapting Shared Sequences in Light-O-Rama S5 <i>Stephan Sherrick</i>	S57 Falcon Player - Beginner <i>Patrick Delaney</i>	S58 P10, P5 RGB Panels <i>Scott Hanson</i>	S59 Keep the Grinches Away - Secure Your Home and Display <i>Russell McFarland</i>	S60 How to make your light display have an impact <i>Timothy Howse</i>	
9:30am	<----- VENDOR HALL OPENS ----->					
9:45 - 10:45am	S61 Light-O-Rama: LORhub: The New Way to Build Shows and Update Sequences <i>Mike DeMaria</i>	S62 xLights: xTreme sequencing <i>Ron Howard</i>	S63 Introduction to Audacity <i>Jeff Oberst</i>	S64 Taking the Mystery Out of Power Injection <i>Les Willis</i>	S65 Soldering Hands-On Workshop <i>*Kit Fee additional</i> <i>Kevin Thomas</i> <i>Pete Peters</i>	Holiday Entertaining with Chef Christopher
11am - 12pm	S66 The Great Christmas Light Fight Discussion Panel <i>Moderated by Chuck Smith</i>	S67 xLights 2020 and beyond <i>Keith Westley/Sean</i>	S68 Using Moving Heads and DMX Fixtures in your Display <i>Tom BetGeorge</i>	S69 A Mobile Pixel Tree <i>Don Ekema</i>	S70 Soldering Hands-On Workshop <i>continued</i> <i>Kevin Thomas</i> <i>Pete Peters</i>	Holiday Cocktails with Chef Christopher
12-2pm	Lunch					
2:00 - 3:00pm	S71 Light-O-Rama: Past, Present and Future <i>Light-O-Rama</i>	S72 Drones Flight School 201: Advanced Flight and Filming <i>Doug Reel</i>	S73 3D Printing for Christmas Light Enthusiasts <i>Catherine Baer</i>	S74 How to repair or shorten you LED strings <i>Pete Peters</i>	S75 Pixel Props Hands-On Workshop <i>*Kit Fee additional</i> <i>Don McGillivray</i> <i>Kevin Thomas</i>	Rudolph's Craft Corner 10am - 3pm with Holly
3:15 - 4:15pm	S76 Light-O-Rama: SuperStar and LOR S5 Sequencer Integration <i>Brian Bruderer</i>	S77 xLights: Introduction to ZCPP <i>Keith Westley</i>	S78 Traditional Elements for a Modern Display <i>Jeff Carter</i>	S79 Using WiFi networking effectively in your display <i>Bill Porter</i>	S80 All Things Wireframe <i>Mark Zembruski</i>	
4pm	<----- VENDOR HALL CLOSSES 4pm ----->					
4:30-5pm	Door Prize Giveaways for Registered Conference Attendees					

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