Techni-Lux
TECHNOLOGY DAY

WHEN   Tuesday, January 9, 2018
10:00 AM - 6:00 PM

WHERE Techni-Lux - 10900 Palmbay Drive
Orlando, FL 32824   U.S.A.

SEMINARS

10:30 AM MAGIC MAPPING Presented by Nick Comis, Projection Designer
Learn about the history of projection mapping with an overview of equipment, procedures and design. Explore the infinite possibilities of video mapping, projected augmented reality, integrating pixel and projection to create moving graphics and interactive imagery on 3D structures and objects.

12:00 PM PROTECTING THE STAGE Presented by Richard Cadena, ETCP RT/CEE, author
This presentation explores the causes, how to recognize them, and how to prevent them in the future. The session is open to all levels of live event production personnel and is designed to help elucidate safe practices for performers, production electricians, technicians, and anyone involved in the use of electrical power.

1:30 PM PANEL DISCUSSION - UNDERSTANDING CRI
Moderated by Tony Hansen, Product & Project Specialist, Lighting Designer
CRI or Color Rendering Index is one of the most important and least understood aspects of lighting and is especially critical when it comes to the world of LEDs. Tony Hansen, will lead a panel of lighting and lamp experts on a discussion of understanding, implementing and utilizing CRI for today's lighting professions. Lighting and lamp experts will discuss the understanding, implementing and utilizing CRI for today's lighting professionals.

3:00 PM WHAT MAKES GOOD LIGHT?
Presented by Richard "Nook" Schoenfeld Lighting Designer, PLSN Editor
All lights have value. But knowing how and when to use them is most important. Nook presents a lighting designer's point of view about what is a "good" light and what to consider when substituting.

4:30 PM TESTING TROUBLESHOOTING CONTROL SYSTEMS
Presented by Richard Cadena, ETCP RT/CEE, author
This session explores the current state of technology in control systems, including how to set up, test, and troubleshoot digital control systems.

TECH TRAINING

12:00 PM
MOVING LIGHTS: CARE & MAINTENANCE
Presented by Lisa Hansen, Field Technician

This class will go over basic maintenance of some Moving or Intelligent light types. Fixture maintenance, cleaning, lamp care and basic tune ups will be taught. This is a great class for those starting to work with Moving lights and their care.

1:30 PM
BASIC DMX SYSTEM & QUESTIONS
Presented by Nathan Rudolf of Interactive Technologies

This beginner class will go over the most basic DMX system planning and layout. There will be a brief introduction to the DMX Protocol, and then an overview of cabling, splitters, pack dimmers and simple controllers.

3:30 PM
CONVENTIONAL LIGHTS: CARE & SET-UP
Presented by Lisa Hansen, Field Technician

This class will go over how to maintain and set-up basic conventional light fixtures such as an Ellipsoidal, Fresnel and Par Can. There will be an intro to the workings of each fixture, different lamp types and the trimming of an Ellipsoidal.

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FOR MORE EVENT INFORMATION AND TO REGISTER, VISIT US ONLINE AT WWW.TECHNI-LUX.COM

SEMINARS

10:30 AM MAGIC MAPPING SEMINAR
Presented by Nick Comis, Projection Designer and Pixel Mapping Expert
Learn about the background of projection mapping with an overview of equipment, procedures and design. Then explore the modern and infinite possibilities of video mapping, projected augmented reality, integrating pixel and projection to create moving graphics and interactive imagery on 3D structures and objects.

12:00 PM BATTERY POWER FOR LIVE EVENTS: Sustainability is only one reason to switch
Presented by Richard Cadena, ETCP RT/CEE and author of "Electricity for the Entertainment Electrician & Technician" and "Automated Lighting: The Art and Science of Moving and Color-Changing Light, 3rd Edition.
Live events very often rely on diesel generators for powering the audio, lighting, and video for outdoor stages, but they have their drawbacks. The advances in battery technology means that there are festival stages, large and small, now being powered by battery banks with inverters, and they have many advantages over diesel power. Besides being virtually silent, emissions-free, and more reliable, batteries can be a better solution in many instances.

2:00 PM PANEL DISCUSSION – Picking the right light and Q&A
Moderated by Tony Hansen, Product & Project Specialist, Lighting Designer; and Mark DeLorenzo, Unit Manager of Osram Entertainment
A light isn't just a light and there can be some other considerations in choosing the "Right One". We will have a panel discussion going over a few scenarios that have been faced and what obstacles and opportunities were presented. Color temperature, CRI, color selection, pattern, durability, sustainability are all areas to contemplate. This will be an open conversation with time to answer some lighting questions also.

4:00 PM CLEAN POWER FOR AUDIO, VIDEO, AND LIGHTING
Presented by Richard Cadena, ETCP RT/CEE and author of "Electricity for the Entertainment Electrician & Technician" and "Automated Lighting: The Art and Science of Moving and Color-Changing Light, 3rd Edition
What is "clean power?" What is "dirty power?" How does dirty power affect live audio, video, and lighting? How do we know if we have clean power, dirty power, or something in between? These questions and more are answered in this session by exploring the sources of and solutions for hums, buzzes, pops, distortion, and more.

TECH TRAINING

1:00 PM
LIGHTING: CARE & MAINTENANCE 101
Presented by Lisa Hansen, Field Technician

This class will go under the hoods of some basic Moving & Conventional light types. Fixture maintenance, cleaning, lamp care and basic tune ups will be reviewed. This is a great class for those starting to work with lights and understanding their care.

3:00 PM
BASIC DMX/RDM SYSTEM & QUESTIONS 101
Presented by Nathan Rudolf of Interactive Technologies

This introduction class will go over the basic DMX system planning and layout. There will be an introduction to the DMX Protocol, and then an overview of cabling, splitters, pack dimmers and simple controllers. We will also go over some test equipment and the use of RDM.