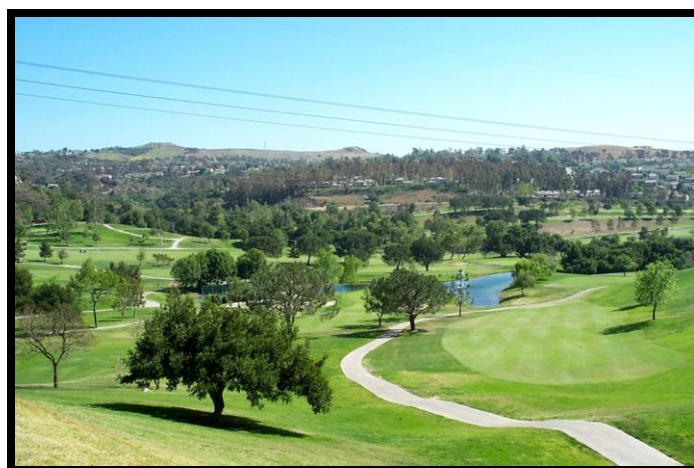


PSES Newsletter: Conference Special Issue

<http://psessymposium.org>

What's Inside

Keynote Speakers	2
ISPCE 2016 Preliminary Program.....	4
Registration Information.....	11
Chapter Coordinator Column	12
Exhibitor Listing	13
Become an Exhibitor	15
Patron Listing.....	16



Anaheim Hills



Hyatt Regency Garden Grove,
ISPCE 2016 Venue

Early registration ends April 1!

See page 11.

Reserve your room today:

<http://psessymposium.org>

Deadline to reserve your room is **April 22**

Keynote Speakers



Kevin Robinson,
Director,
Office of Technical Programs & Coordination
Activities
NRTL
U.S Department of Labor,
Occupational Safety and Health Administration
(OSHA)

Title: OSHA's Nationally Recognized Testing Laboratory Program - Past, Present and Future

Abstract:

The Nationally Recognized Testing Laboratory (NRTL) Program has shaped the world of product safety compliance for nearly 40 years, and OSHA is currently re-designing the program to prepare the program for the next 40 years and beyond.

Take a look back at the history of the NRTL Program, and the unique partnership that has developed between the public and private sectors. Learn how OSHA is restructuring the program to meet the market demands for today and the next 40 years, and the impact these changes will have on employers, manufacturers, testing and certification organizations and other regulators both in the United States and abroad.

Biography:

Kevin is the Director of the Office of Technical Programs and Coordination Activities (OTPCA) within the Occupational Safety and Health Administration (OSHA), and is responsible for administering OSHA's Nationally Recognized Testing Laboratory (NRTL) Program. Kevin has more than 20 years of experience in the Product Safety Testing and Certification industry and has been working in OSHA's NRTL Program for 8 years.

Prior to joining OSHA, Kevin worked for the Consumer Product Safety Commission (CPSC) in the Office of International Programs where he provided technical consultation for Agency leadership, and served as a negotiator for cooperative agreements with CPSC's international counterparts. Prior to his Federal Service, Kevin served as Technical and Quality Assurance Manager at MET Laboratories, the first organization to be recognized by OSHA as an NRTL. In this capacity he served as the senior technical advisor for an international product testing and certification body.

A native of Rochester, New York, Kevin graduated from the Rochester Institute of Technology with a Bachelor's degree in Electrical Engineering Technology and has been designated by the International Association for Radio, Telecommunications and Electromagnetics as a Certified Product Safety Engineer.

Keynote Speakers (Continued)



Howard Tarnoff
Senior Counselor to the Acting Director,
Office of Compliance & Field Operations,
U.S. Consumer Product Safety Commission

Title: CPSC: Reporting Responsibilities and Ramifications for Failure to Comply

Abstract:

The U.S. Consumer Product Safety Commission has stringent reporting requirements for various safety issues. These require reports to the CPSC within 24 hours after events occur triggering a report. Failure to meet these requirements can result in the assessment of civil penalties, sometimes in the millions of dollars, as well as possible criminal penalties.

Mr. Tarnoff will discuss the legal requirements and the process by which these requirements should be analyzed. He will also discuss the importance of fully considering design requirements and voluntary standards for products relying on new technologies (or new designs using existing technologies).

Biography:

Mr. Tarnoff began his career with CPSC in 1995 as a Trial Attorney in the Office of Compliance and Field Operations. In 2008, Mr. Tarnoff became the Team Lead of the Regulated Products Team of the Division of Compliance in the Office of the General Counsel. In 2010, Mr. Tarnoff became the Senior Counselor to the Director of the Office of Compliance and Field Operations. From May – December 2015, Mr. Tarnoff served as the Acting Director of the Office of Compliance and Field Operations in which he oversaw the Commission's Defect Investigations Division, Regulatory Enforcement Division, and Field Investigations Division.

At the CPSC, Mr. Tarnoff has received the Commission's highest honor, the Chairman's Award, along with the Special Act or Service Award, the Distinguished Service Award, and the Employees' Choice Award. Mr. Tarnoff is a 1992 cum laude graduate of Indiana University-Bloomington, where he received a B.S. degree in Business Economics & Public Policy. He is also a 1995 graduate of The George Washington University Law School. He is a member of the bar in New Jersey and the District of Columbia.

Preliminary Program

as of March 22

Color Code

EMC and Wireless Track Chair: Jim Bacher	Compliance 101 Track Chair: John Allen	Medical Track Chair: Richard Gardner	Global Regulations & Compliance Management Track Chair: Kim Adams	Innovation & Emerging Technologies Track Chair: Murlin Marks	General events open to all
Energy Storage & Batteries Track Chair: Jan Swart	Safety Science & HBSE Track Chair: Tom Lanzisero	Legal Track Chairs: Susanne Wende and Ken Ross	Forensics Track Chair: Darren Slee	Environmental and Energy Regulation Track Chair: Rakesh Vazirani	Meals, breaks

Monday	Royal Ballroom	Terrace D-F	Terrace A-C	Imperial	Regal
7:00 AM					
7:10 AM					
7:20 AM					
7:30 AM					
7:40 AM					
7:50 AM					
8:00 AM					
8:10 AM					
8:20 AM					
8:30 AM					
8:40 AM					
8:50 AM					
9:00 AM					
9:10 AM					
9:20 AM					
9:30 AM					
9:40 AM					
9:50 AM					
10:00 AM					
10:10 AM					
10:20 AM					
10:30 AM					

Preliminary Program (Continued)

10:40 AM 10:50 AM 11:00 AM 11:10 AM 11:20 AM	Open	Reducing the Cost of RoHS and REACH Compliance Declarations Jim Kandler	Making Product Certification Faster Simpler & More Cost Effective Thomas Patterson	Safety, Risk Assessment, and Product Warnings Caroline Crump	Medical Safety Testing according to IEC 60601-1 (Edition 3.0/3.1) and IEC 60601-1-11 Home Health Care Uwe Meyer
11:30 AM					
11:40 AM 11:50 AM					
12:00 PM 12:10 PM 12:20 PM 12:30 PM 12:40 PM 12:50 PM	Lunch, Exhibits and Networking				
1:00 PM 1:10 PM 1:20 PM 1:30 PM 1:40 PM 1:50 PM	Open	Future Proofing Your REACH Program Matt Quinn	Product Safety: An Aphoristic Approach Mike Sherman	Consumer Product Failure Analysis in the Context of the Classic Product Lifecycle Karen Rayment	IEC 60601-1-2 4th Edition EMC Risk Management File Nicholas Abbondante
2:00 PM					
2:10 PM	Transition/Networking				
2:20 PM 2:30 PM 2:40 PM 2:50 PM 3:00 PM 3:10 PM	Open		Production Electrical Safety Testing Nicholas Piotrowski	How to Safely Process a Fire Scene Erik Christiansen	Software, Risk Management, Usability, is Medical Device safety as we know it a thing of the past? Naysahn Saeed
3:20 PM 3:30 PM 3:40 PM	Afternoon Break, Exhibits and Networking				

Preliminary Program (Continued)

3:50 PM	Open	Accelerating Product Design Through Environmental Compliance Kelly Eisenhardt	Touch-current / Electric shock tutorial Compliance 101 Pete Perkins	Resistive Propagating Printed Circuit Board Faults Darren Slee	Self-Authentication in Medical Device Software An Approach To Include Cybersecurity In Legacy Medical Devices Srinivasan Jagannathan Adam Sorini
4:00 PM					
4:10 PM					
4:20 PM					
4:30 PM					
4:40 PM					
4:50 PM	Transition/Networking				
5:00 PM	Open	North American Energy Efficiency Regulation and Standardization Jay Yang	Basis for the estimation of measurement uncertainty in safety tests Silvia L. Diaz Monnier & Andrea Méndez	Failure Analysis of Airport Runway Lighting Systems Massimo Mitolo	UDI Compliance for the Product Engineer Linda Chatwin
5:10 PM					
5:20 PM					
5:30 PM					
5:40 PM					
5:50 PM					
6:00 PM	Monday Reception				
6:10 PM					
6:20 PM					
6:30 PM					
6:40 PM					
6:50 PM					
7:00 PM					
7:10 PM					
7:20 PM					

Preliminary Program (Continued)

Tuesday	Royal Ballroom		Terrace D-F	Terrace A-C	Imperial	Regal
7:00 AM	Continental Breakfast and Networking		Speaker Breakfast Room: Madrid			
7:10 AM						
7:20 AM						
7:30 AM						
7:40 AM						
7:50 AM						
8:00 AM	Tuesday Plenary, Keynote 2: Howard Tarnoff					
8:10 AM						
8:20 AM						
8:30 AM						
8:40 AM						
8:50 AM						
9:00 AM	Transition/Networking					
9:10 AM	Open	Basic EMC Fundamentals Ed Nakauchi	International Compliance for Portable Device Batteries - What the heck do I have to do to ship my battery to... Cynthia Millsaps	Product Recalls and other Corrective Actions in the US and Canada Howard Tarnoff, Kenneth Ross, and Jeff Margulies	Medical Device Approval Process in China since the Introduction of the China Food and Drug Administration Tobias Lueddemann Diqing Chang Sadik Sahin Tim C. Lueth	
9:20 AM						
9:30 AM						
9:40 AM						
9:50 AM						
10:00 AM						
10:10 AM	Awards Ceremony, Coffee Break and Networking					
10:20 AM						
10:30 AM						
10:40 AM						
10:50 AM	Open	Troubleshooting EMI Problems Patrick Andre	Updated UN 38.3 Requirements for Lithium Batteries Rich Byczek	Product Recalls in Europe: Legal Requirements and Practical Experience with Market Surveillance Authorities, Customers and Consumers Susanne Wende	Updates in product safety regulations in Argentina Andrea Méndez Silvia L. Diaz Monnier	
11:00 AM						
11:10 AM						
11:20 AM						
11:30 AM						
11:40 AM						

Preliminary Program (Continued)

11:50 AM	Lunch, Exhibits and Networking									
12:00 PM										
12:10 PM										
12:20 PM										
12:30 PM										
12:40 PM										
12:50 PM										
1:00 PM	Open	Kiss EMC Jim Bacher	Battery Certification Options for Information Technology Equipment (ITE) Rich Byczek	A Guide to Engineers' Involvement in Litigation Ken Ross	Global Market Access - How to access Brazilian market Alice Maia					
1:10 PM										
1:20 PM										
1:30 PM										
1:40 PM										
1:50 PM										
2:00 PM										
2:10 PM	Transition/Networking									
2:20 PM	Open	Transmitter Certification Basics James Blaha	All tests and standards are not created equal - even if they have the same name! Cynthia Millsaps	Best Practices in Safety Communications, Warnings and Instructions Ken Ross	Gulf Conformity Marking ("G Mark") on Low Voltage Electrical Equipment & Appliances Scott Clark					
2:30 PM										
2:40 PM										
2:50 PM										
3:00 PM										
3:10 PM										
3:20 PM										
3:30 PM	Afternoon Social/Exhibits									
3:40 PM										
3:50 PM										
4:00 PM	Open	Transmitter Certification Needs Jim Bacher	Introduction of China Lithium battery standard GB31241-2014 Paul Wang Mingming Li	Recent developments in European Product Compliance Law and Market Surveillance Susanne Wende	Regulatory Compliance Mark for Australia/New Zealand electrical and electronic equipment Paul W. Robinson					
4:10 PM										
4:20 PM										
4:30 PM										
4:40 PM										
4:50 PM						Transition/Networking				
5:00 PM						Chapter Annual Meeting and Technical Committee Meetings	iNARTE Workshop: Product Safety Professionals' Personnel Certification and Credentialing - Need, Value and Evolution Elya Joffe			
5:10 PM										
5:20 PM										
5:30 PM										
5:40 PM										
5:50 PM										

Preliminary Program (Continued)

Wednesday	Royal Ballroom	Terrace D-F	Terrace A-C	Imperial	Regal
7:00 AM		Speaker Breakfast Room: Madrid			
7:10 AM					
7:20 AM					
7:30 AM	Continental Breakfast and Networking				
7:40 AM					
7:50 AM					
8:00 AM		Fundamentals of SAR Requirements Jay Moulton	Grid Interoperability, Energy Storage and Compliance Trends Brad Affeldt	Comparison Between IECEx & NEC/CEC Paul Kelly	Current Limiting Review Gary Tornquist
8:10 AM					
8:20 AM					
8:30 AM					
8:40 AM					
8:50 AM					
9:00 AM	Transition/Networking				
9:10 AM	Open	Introduction to RF Safety Test Equipment Gabriel Alcala	2017 NEC - New Articles For Energy Storage Systems, DC Microgrids And Stand Alone Systems John Kovacik	The New ATEX Directive (2014/34/EU) John Chambers	Product Safety Testing Using Induced Corona Detection Don Gies Dheena Moongilan
9:20 AM					
9:30 AM					
9:40 AM					
9:50 AM					
10:00 AM					
10:10 AM	Coffee Break and Networking				
10:20 AM					
10:30 AM					
10:40 AM	Open				
10:50 AM					
11:00 AM					
11:10 AM					
11:20 AM					
11:30 AM					
11:40 AM	Lunch and Networking				
11:50 AM					
12:00 PM					
12:10 PM					
12:20 PM					
12:30 PM					

Preliminary Program (Continued)

12:40 PM	Open	Meeting the requirements of ETSI EN 300 328 v1.8.1 Oliver (Ollie) Moyrong	Adaptive External Power Supplies - Safety and Energy Issues Ted Eckert	Impact of Globalization on Supply and Supplier Management Vinay Goyal	Preventing Fires and Hazardous Situations in Consumer Products Stefan Mozar
12:50 PM					
1:00 PM					
1:10 PM					
1:20 PM					
1:30 PM					
1:40 PM	Transition/Networking				
1:50 PM	Open	EMC Margins, Are They Needed? Jim Bacher	Safety Compliance of 3D Printers & Additive Manufacturing Equipment Tom Burke	Growing Regulatory Complexity as challenge - Strategies for managing compliance with international Product regulations Eva S. Hink	Quantified Fault Tree Techniques for Calculating Hardware Fault Metrics According to ISO 26262 Nabarun Das William Taylor
2:00 PM					
2:10 PM					
2:20 PM					
2:30 PM					
2:40 PM					
2:50 PM	Transition/Networking				
3:00 PM	Open	SRRC certification introduction Paul Wang	Thermal safety for portable consumer electronics products Wen-Chung Kao Sheng-Yuan Lin	Dynamic simulations of market surveillance actions Ivan Hendrikx Bojan Jovanoski Nikola Tuneski	Model Name Strategy Thomas Killam
3:10 PM					
3:20 PM					
3:30 PM					
3:40 PM					
3:50 PM					
4:00 PM	Transition/Networking				
4:10 PM	Closing Session, Prize Raffle and Wrap-Up				
4:20 PM					

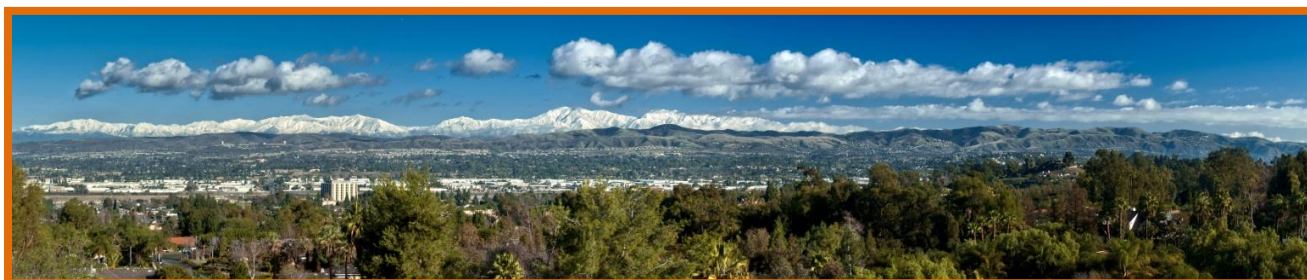
Registration Information

Online registration is now open: <http://psessymposium.org>

The fees are as follows, and must be paid in USD

	Through April 1, 2016	After April 1, 2016
Registration Type	Advanced	Regular & On-site
IEEE Members	\$600	\$650
Non-Members	\$700	\$750
Student IEEE Life Members	\$150	\$200

Symposium registration includes access to all technical sessions, invited speakers, lunches, breakfasts, breaks, the reception, and one copy of the ISPCE 2016 Proceedings.



Anaheim Panorama

Daily registration includes access to technical sessions on the specific day, and the lunch, breakfast, and breaks. Daily registration does *not* meet the author and presenter registration requirement. One-Day registration rates are as follows:

	Through April 1, 2016	After April 1, 2016
Registration Type	Daily, Advanced	Daily, Regular & On-site
IEEE Members	\$375	\$400
Non-Members	\$450	\$475

Please note that there will be no refunds for cancellations after May 2, 2016.

Chapter Coordinator Column



As PSES Chapter Coordinator, my goal is to help all our chapters to provide meetings and other activities for our local members

ISPCE2016 – Chapter Annual Meeting

We will have a one-hour slot for a chapter annual meeting. This will be our opportunity to discuss and brainstorm ways to combine resources and improve chapter programs while, hopefully, to reduce the workload for chapter leaders. I have encouraged every chapter to send representatives to the conference and be a part of our Annual Meeting. Over the years, there has been general agreement that the most valuable part of the conference is the networking and synergy that results from the face-to-face interaction at the conference. Since this year's conference is in Orange County, California, I am sure there will be many attendees from our Orange County and San Diego Chapters, but I am hoping we will get ideas from our other regions as well.

The **Chapter of the Year Award** will be given during the Awards Ceremony at ISPCE2016. This award is an official IEEE award that is given to the PSES Chapter in honor of the best overall program for the past year (2015). We try to consider all aspects of a chapter's operation for this award.

Virtual Chapter

This chapter is being developed for our members who are spread out over the globe who are not near local PSES chapters. Mariel Acosta-Geraldino, our VP of Member Services is putting together a committee to consider how to connect in a chapter-like environment over the Internet. There are some working templates, and the technology is available to handle and record meetings. All that is really needed to get this up and running is loading her committee with people motivated to get it active.

Please contact me with your comments and suggestions for our Annual Meeting:
Murlin Marks; murlinm@ieee.org

Exhibitor Listing





NORTHWEST
EMC



HAEFELY
HIPOTRONICS



SGS

IN COMPLIANCE





Become an Exhibitor

Join us in Anaheim.

There are still spaces available to exhibit!

Contact Sue Kingston to secure your spot:
skingston@conferencecatalysts.com



Patron Listing

Super Platinum Patron



Platinum Patrons



Speaker Gift Patron



Monday Night Reception Patron



Lanyard Patron



Valued Quality. Delivered.



Intertek

Break Patrons

