



2014 IEEE Symposium on Product Compliance Engineering

Sponsored by the IEEE Product Safety Engineering Society

Now Held Earlier in the Year!

May 5-7, 2014
San Jose, CA USA

www.psessymposium.org

Call for Papers, Presentations, Workshops, and Tutorials

General Chair

Kevin Ravo

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Technical Program Chair

Tom Burke

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Conference Management

Conference Catalysts, LLC

The IEEE Product Safety Engineering Society seeks original and unpublished papers, presentations, workshops and tutorials on all aspects of product safety and compliance engineering including, but not limited to:

EMC Compliance

- Electromagnetic emissions, electromagnetic immunity, regulatory, introduction to EMC/RF (for safety engineer & compliance engineers)

Energy Storage

- Battery and energy storage designs, applications, manufacturing, testing and standards, including emerging chemistries, fuel cells, electrochemical capacitors (ultra-and super-capacitors), etc.

Forensics

- The latest findings in failure analysis
- General tools, techniques and best practices used for quality failure analysis

Hazard-based Safety Engineering

- Theory and application of HBSE
- New hazard-based standard for A/V, IT & Communication Technology Equipment, IEC 62368-1

Innovation

- Emerging uses of technology, and associated challenges with safety & compliance, such as those associated with 'smart' devices, wearable electronics, wireless power transfer, driverless cars, modular data centers, liquid cooling, PEDs/aircraft, virtual reality, technology & seniors, etc.

Leadership

- Management strategies and techniques, and case studies
- Leading change, team building, conflict resolution, time management
- Communication skills

Medical Devices

- IEC 60601-1, and collateral standards
- Risk Management process for medical devices
- Compliance strategies and options

Risk Analysis, Assessment & Management

- Fundamentals and application of risk analysis, assessment and management
- Introduction of risk management principles and requirements into new standards and applications



CALIFORNIA REPUBLIC





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Miscellaneous:

- **Anti-counterfeiting:** Challenges, regulations & strategies
- **Certification:** Electromagnetic emissions & immunity, environmental, product safety, processes, safety testing, regulatory, emerging markets, international data exchange schemes (IECEE CB), field investigations/evaluations, etc.
- **Components:** Power supplies, insulation, opto-couplers, wire & cables, capacitors, connectors, current-limiters, transformers, fuses, ferrites, surge protectors, printed circuit boards, earthing (grounding), environmental, electromagnetic suppression & protection, etc.
- **Demonstrations:** Demonstrations of product safety testing techniques including mechanical, electrical, fire, etc.
- **Environmental:** RoHS, WEEE, EuP (Energy-using Products), Energy Star, packaging Directives, REACH (Chemical), CeC, other 'green' topics, etc.
- **Functional & Software safety:** Theory, standards and application
- **Hazard-specific topics:** Electrical, mechanical, fire, thermal, chemical, optical, etc.
- **Photobiological safety & compliance:** lasers, LEDs, UV, coherent/incoherent, blue light, etc.
- **Product-specific topics:** Consumer, medical, computer (IT), test & measurement, power supplies, telecommunication, incandescent, fluorescent & LED lighting, industrial control, electric tools, appliances, wireless, etc.
- **Product Liability & Recalls:** Challenges, government interface, public databases, laws, etc.
- **Research:** Physiological responses to energy sources, unique safeguard schemes, electrically-caused fire, forensic methods, etc.
- **Standards:** Development, status, interpretations, prescriptive vs. performance, technical proposals, best practices, country specific requirements/differences, installation codes, laboratory accreditation, etc.

Author's Schedule (Preliminary)

All submissions require associated documents be loaded into EDAS (<https://edas.info/>) by due date.

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| • Reviewable Manuscript/Presentation Submission | January 7, 2014 |
| • Acceptance Notification | January 31, 2014 |
| • Final Camera-ready Paper/Presentation Submission | March 20, 2014 |

Please see Symposium website's **Author** page for complete submission instructions.

