

EOS/ESD Association, Inc.

Emerging Professionals Tech Talk

Introduction to EOS

May 31 - 8:00 PM (20:00) India Time zone (10:30 AM Eastern)(Virtual event)

Kai Esmark, Infineon Technologies AG

EOS-like damages represent a significant percentage of failed components throughout the entire electronics industry, leading to a number of extensive and complex challenges linked to the topic. This ranges from the consideration of purely technical aspects, but can also affect the cooperation between a supplier and its customer in the case of an EOS/EIPD-related field return. The aim here is to identify the specific process that triggered the EOS event in order to be able to define appropriate corrective actions. At the same time, there is a certain dynamic associated with the topic, as a number of international working groups are working on specific issues.

The purpose of the presentation is to provide an initial overview of the subject of "EOS" in order to then be able to delve deeper independently.

Register: <https://www.esda.org/events/introduction-to-eos>

EOS/ESD Association, Inc.

44TH ANNUAL EOS/ESD SYMPOSIUM AND EXHIBITS

September 18-23, 2022

Peppermill Resort & Casino, Reno, NV USA



The EOS/ESD Symposium is dedicated to the understanding of issues related to electrostatic discharge and electrical transients/overstress, and the application of this knowledge to the solution of problems in consumer, industrial, and automotive applications, including electronic components, as well as in systems, subsystems, and equipment.

Travel Uncertain – Don't Worry – Submit Anyway!

EOS/ESD Association, Inc is leading conferences with a pioneering approach to our virtual reality. Our hybrid conference includes both virtual and in person presentations and attendance to suit your needs. Authors who anticipate inability to travel to a conference because of a travel restriction are encouraged to submit papers

<https://www.esda.org/events/44th-annual-eosesd-symposium-and-exhibits>

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EOS/ESD Association, Inc.

5TH ANNUAL EOS/ESD MANUFACTURING TRACK

September 18-23, 2022

Peppermill Resort & Casino, Reno, NV USA



The EOS/ESD Manufacturing Track offers a full program of activities dedicated to EOS/ESD in manufacturing – control materials, technologies, and techniques. This manufacturing conference focuses on a combination of full and short technical papers, poster presentations, invited papers, discussion groups, workshops, hands-on demonstration sessions, short tutorials, and practical demonstrations of equipment by exhibitors. Travel Uncertain – Don't Worry – Submit Anyway! EOS/ESD Association, Inc is leading conferences with a pioneering approach to our virtual reality. Our hybrid conference includes both virtual and in person presentations and attendance to suit your needs. Authors who anticipate inability to travel to a conference because of a travel restriction are encouraged to submit papers.

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EOS/ESD Association, Inc.

2nd International EOS/ESD Symposium on Design and System (IEDS)

November 9-11, 2022

Chengdu, China



EOS/ESD Association, Inc. is sponsoring the 2nd International EOS/ESD Symposium on Design and System (IEDS). IEDS 2022 is dedicated to the fundamental understanding of issues related to electrostatic discharge on design and system and the application of this knowledge to the solution of problems. The Technical Program Committee solicits symposium contributions, including data and analysis that advance the state-of-the-art knowledge, enhance or review the general knowledge, or discuss new topics related to on-chip ESD design, system ESD design, and EOS/ESD issues in manufacturing.

<https://www.esda.org/events/2nd-international-eosesd-symposium-on-design-and-system-ieds>

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EOS/ESD Association, Inc.

2nd Annual India ESD Forum

November 14-15 (Virtual event)

Sponsorship opportunity!

Be a part of the 2nd annual India ESD forum! Our India forum is returning for another year bringing forth the realities of ESD requirements in light of the rapidly advancing semiconductor technologies. Sponsorship deadline: October 7th, 2022

Sponsorship Benefits

- Marketing/Advertising benefits

Sponsoring the Anchor event serving Indian semiconductor industries and academia's need in the area of ESD/LU protection

- Event advertisement flyer
- Online announcement Page (ESDA website, LinkedIn etc.)

And much more!

<https://www.esda.org/events/2nd-annual-india-esd-forum>

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EOS/ESD Association, Inc.

Certification

ESD Certified Professional-Program Manager

Intended for individuals who are involved in designing, implementing, managing, and auditing ESD control programs in their facilities.

ESD Certified Professional-Device Design

This program is intended for individuals who are involved in designing, characterizing and implementing improved ESD protection designs.

Device Stress Testing Certification

Intended for individuals who are involved in ESD or Latch-up stress testing. Offered completely online.



www.esda.org/certification/



EOS/ESD Association, Inc.

Certification

ESDA Certified Professional instructor

This class teaches the knowledge and skills needed to develop and deliver an effective and rewarding presentation.

ESD Design Engineer Certification (EDEC)

This certification provides courses that give the foundation for ESD Design Engineers. Courses cover integrated circuit ESD, protection designs, testing essentials, troubleshooting, failure analysis and TLP fundamental.

ESD Control Program Auditor Certification

The certification teaches the knowledge and skills needed to successfully integrate ESD Control Program audits within an organization's quality management system internal audit program. Resources, such as; checklists, training slides, and guidance documents will be made available to attendees.

www.esda.org/certification/



EOS/ESD Association, Inc.

Certification

ESD Program Associate Certification

This is comprised on three online classes and a knowledge assessment test. It provides the Basics of ESD, necessary fundamental information, the How To's of measurement and equipment, and a one day S20.20 class meant to provide an introduction to control program basics and auditing.

ESD Facility Certification

To meet the global need in the electronics industry for technically sound ESD Control Programs, EOS/ESD Association, Inc. has established an independent third-party certification program. The program is administered by EOS/ESD Association, Inc. through country-accredited ISO9000 certified bodies that have met the requirements of this program. The Facility Certification Program evaluates a facility's ESD program based on the industry standards ANSI/ESD S20.20 or IEC 61340-5-1.

www.esda.org/certification/



EOS/ESD Association, Inc. Standards

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EOS/ESD Association, Inc. Symposium Proceedings

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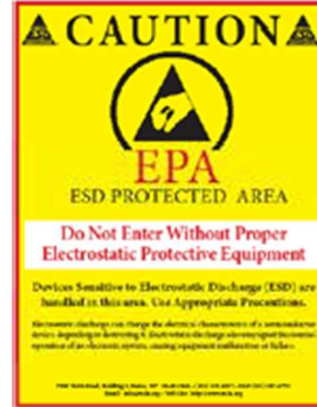
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Compliance Posters



Footwear and Wriststrap posters remind employees and visitors of proper ESD control at the workstation.



Three posters for display outside an EPA area to remind employees and visitors to test their equipment before entering.

High quality laminated compliance posters are available for purchase from EOS/ESD Association, Inc! Order online or download a complimentary version at: <https://www.esda.org/store/compliance-posters/>

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Join our team!

Setting the Global Standards for Static Control!

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