27th ANNUAL EOS/ESD SYMPOSIUM SET FOR SEPTEMBER

The ESD Association’s annual symposium, the world’s premier event focused on electrical overstress (EOS) and electrostatic discharge (ESD), is fast approaching. This year’s symposium will be held at the Marriott Anaheim, in Anaheim, California, USA, from September 11 through the 16.

The EOS/ESD Symposium is a week of tutorials, technical sessions, workshops, exhibits, and more dedicated to education, training, networking, and solutions. For individuals interested in professional certification and general education, over 20 tutorials present a broad range of topics, including, ESD basics for program manager, ESD on-chip protection in advanced and RF technologies, air ionization, EOS/ESD failure models and mechanisms, in-plant ESD survey and evaluation measurements, CDM design and characterization, and more. Also offered is the two-day S20.20 seminar on developing and implementing and ESD control program.

This year’s technical sessions offer over 50 presentations from international authors. Papers to be presented address issues in categories such as on-chip RF, on-chip physics/modeling, system level ESD, factory and materials, and on-chip CMOS.

Workshops are interactive sessions that promote discussion and the exchange of ideas. This year’s workshops include topics such as ESD control and design for extremely sensitive devices; automated equipment, ESD and grounding issues; ESD auditing; and silicon technology scaling and ESD reliability.

Attendees can further the information gained at symposium by taking advantage of the Authors’ Corners, which provide access to technical paper authors for discussion, and through networking with the largest collection of individuals who work in the fields of EOS and ESD management to be found anywhere.
In addition, this year’s featured plenary speaker Kenneth E. Goodson, Associate Professor of Mechanical Engineering at Stanford University, will present “Advanced Thermal Modeling of Transistors” on Tuesday, September 13.

Many of the tutorials earn credit for one of the professional certification programs sponsored by the ESD Association: ESD Certified Professional-Device/Design and ESD Certified Professional-Program Manager. On September 16, the first ESD Certified Professional-Program Manager exam will be held in Anaheim and is open to individuals who meet the requirements set out by the ESD Association, including prior registration with association headquarters. The association has also extended an offer to certified NARTE engineers who wish to earn Program Manager certification; details of this offer can be found by visiting www.esda.org/certification.html or by contacting the association.

Also found at symposium is a large collection of exhibitors from around the world presenting products, solutions, services, and publications serving professionals in the EOS and ESD fields. Exhibits are open to the public and do not require symposium registration.

Other events include the Welcome Reception, Awards Breakfast, Professional and Technical Women’s Reception, Attendee Lunch, and the ESD Association Annual Meeting and Luncheon.

The EOS/ESD Symposium is sponsored by the ESD Association in cooperation with the IEEE. It is technically co-sponsored by the Electron Devices Society. The general chair is Charvaka Duvvury, Texas Instruments, the vice general chair is Carl Newberg, River’s Edge Technical Service Inc./Microstat Labs, and the technical program chair is Donn Bellmore, Universal Instruments, Corp.

The ESD Association offers discounts for association members, students, and early registration. The deadline for early registration is July 29. For symposium registration information and to download a complete symposium program visit www.esda.org/symposia.html or contact the ESD Association, 7900 Turin Rd., Bldg. 3, Rome, NY 13440-2069; phone, 315-339-6937; fax, 315-339-6793; or email, info@esda.org.

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