



2022 EOS/ESD Symposium

Student Day

September 21, 2022

EOS/ESD Association, Inc. is excited to host our first-ever Student Day at the 2022 EOS/ESD Symposium. This initiative is a joint endeavor with the University of Nevada – Reno and Professor Mohammed Ben-Idris. Student Day is open to all interested students.

Two defined parallel tracks are scheduled including invited talks, seminars, and hands-on demonstrations in the communications, EMC, heterogeneous integration, and automotive focus areas. The day includes a meet and greet with ESD professionals to answer students' questions about career and employment opportunities and the ESD industry. Students will also have time to visit the exhibit hall to talk to industry-leading vendors. The day will culminate with the General Chair's reception in the evening with a TeSD Talk on for continued networking and in-depth discussions on displayed posters with technical paper authors.

For full program details, please visit <https://www.esda.org/events/44th-annual-eosesd-symposium-and-exhibits>.

| Start | Stop | Track 1 |
|----------|----------|---|
| 10:00 AM | 10:10 AM | Showcase - EOS/ESD Association, Inc. Advanced Topic Committee Activities |
| 10:10 AM | 11:00 AM | Invited Talk: The Challenges of Autonomous Vehicles Speaker: Francesco Braghin, Politecnico di Milano |
| 11:00 AM | 11:45 AM | Break in the exhibit hall |
| 11:45 AM | 12:25 PM | Seminar: Seminar - Lifetime and Reliability Requirements in Automotive Electronics – Status and Challenges in 2022 Speaker: Ulrich Abelein, Infineon Technology AG |
| 12:25 PM | 1:25 PM | Lunch in the exhibit hall |
| 1:25 PM | 2:25 PM | Manufacturing Equipment Hands-on Demonstrations using BSE-100 Systems - Part 1 Demonstrators: Charles McClain, Micron Technology; Christopher Almeras, Raytheon Technologies |
| 2:25 PM | 2:35 PM | Break |
| 2:35 PM | 3:35 PM | Manufacturing Equipment Hands-on Demonstrations using BSE-100 Systems - Part 2 Demonstrators: Charles McClain, Micron Technology; Christopher Almeras, Raytheon Technologies |
| 3:35 PM | 3:45 PM | Break |
| 3:45 PM | 4:25 PM | Seminar - Fundamentals of System-Level ESD Design and Practical Applications Speaker: Ki-hyuk Kim, Amazon Lab126 |
| 4:25 PM | 4:30 PM | Break |
| 4:30 PM | 5:00 PM | Meet & Greet Networking Session |
| 5:00 PM | 7:00 PM | General Chair's Reception including TeSD talk - Is the JEDEC LU standard relevant today? Speaker: Scott Ruth, AMD |

Setting the Global Standards for Static Control!

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| Start | Stop | Track 2 |
|----------|----------|---|
| 10:00 AM | 10:10 AM | Showcase - EOS/ESD Association, Inc. Standards Business Unit Activities |
| 10:10 AM | 11:00 AM | Invited Talk: ESD in 2.5D/3D Bonding Technologies Speaker: Marko Simicic, imec |
| 11:00 AM | 11:45 AM | Break in the exhibit hall |
| 11:45 AM | 12:25 PM | Seminar: Seminar - Lifetime and Reliability Requirements in Automotive Electronics – Status and Challenges in 2022 Speaker: Ulrich Abelein, Infineon Technology AG |
| 12:25 PM | 1:25 PM | Lunch in the exhibit hall |
| 1:25 PM | 2:25 PM | Manufacturing Equipment Hands-on Demonstrations using BSE-100 Systems - Part 1 Demonstrators: Charles McClain, Micron Technology; Christopher Almeras, Raytheon Technologies |
| 2:25 PM | 2:45 PM | Break |
| 2:45 PM | 3:25 PM | Seminar - System-Level EMC and ESD Simulation Methods Speaker: Pasi Tamminen, Danfoss |
| 3:20 PM | 4:10 PM | Seminar - RF Front-End High-Performance Technologies and Trends Speaker: Brad Nelson, Qorvo |
| 4:10 PM | 4:30 PM | Break |
| 4:30 PM | 5:00 PM | Meet & Greet Networking Session |
| 5:00 PM | 7:00 PM | General Chair's Reception including TeSD talk - Is the JEDEC LU standard relevant today? Speaker: Scott Ruth, AMD |

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