Dangelmayer

In Person Hands-On ESD Workshop "ESD Best Practices for Technology Change!" July 25, 26, 27th, 2023



Great Ocean Views

We are excited to announce. the workshop will be held at the Elks at Bass Rocks 97 Atlantic Rd #101, Gloucester, MA

ESD Dream Team www.dangelmayer.com







Hands-on ESD Workshop with the Dream Team: Basic and Advanced Principles

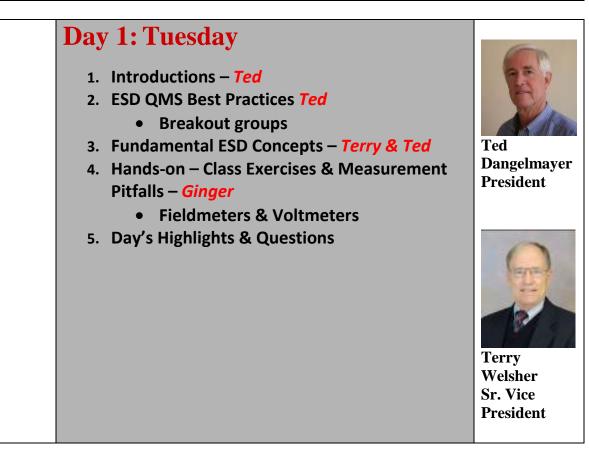
Intended for Professionals Who:

- Want to Expand Their Knowledge of ESD
- Desire Roadmap for Today's Advanced Technologies
- Need A Better Understanding of The Technology
- Want to know if Standards Adequately Protect Their Products

What You Will Learn:

- CDM, CBE, CDE & Class 0 Fundamentals and Counter Measures
- The Latest ESD Trends & Best Practices
- Hands-On CDM & Class 0 Test Methods
- Auditing Skills & Class Exercises Daily
- 99.9% of ESD Failures are CDM Not HBM
- Most FA Experts Misdiagnose CBE as EOS
- ESD S20.20 2014 Changes Implications & Limitations
- Class 0 & CDM Advanced Measurement Techniques

Workshop Agenda



Workshop Agenda

Day 2: Wednesday

- 6. Ionization Analysis for 3D IC Device Technology Joshua Yoo – Core Insight – Korea
- 7. Hands-on Class Exercises & Measurement Pitfalls – Terry
 - a. Resistance Measurements
- 8. Is the ESD program working? "Secret Sauce" Auditing Strategy & Test Methods – *Arnie & Ted*
- 9. Hands-on Class Exercises: Measurement & Trouble Shooting - Workstations – *Ginger*
- 10. Day's Highlights & Questions

Evening Dinner Seaside at Ipswich Bay

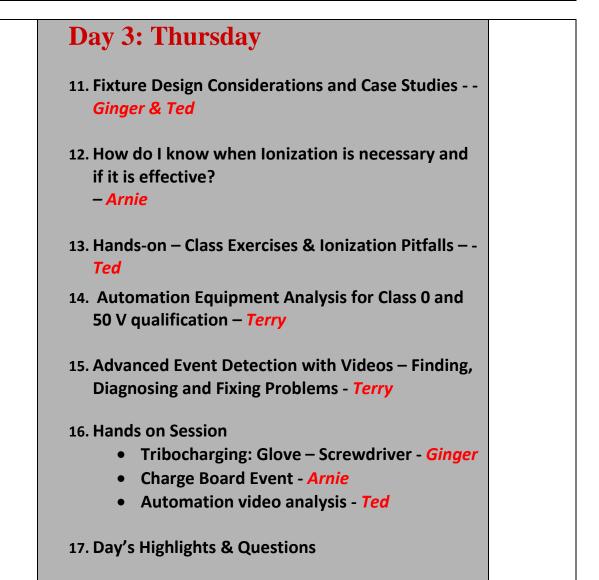


Ginger Hansel Director



Arnie Steinman Director

Workshop Agenda



DA Hands-On ESD Workshop July 25, 26, 27, 2023 Gloucester Elks, 97 Atlantic Rd #101

Workshop includes lunch every day, and dinner on Day 2. 3-Day Registration \$2,380 per person. Register by June 30 for \$2,180 Email Registration Information to: kristin@dangelmayer.com Name: _____ Title: _____ Company: _____ Mail Stop: _____ Address: _____ _____ State: ____ Zip: _____ City: Phone: work______ cell _____ E-mail: Preferred method of contact: Phone _____ E-mail: _____ Credit Card _____Visa ___Master Card ___Amex Card #_____Expiration _____ Security Code _____ Billing Address_____ _____ Name on Card If paying by check, please make check payable to: Seating is limited! **Dangelmayer Associates Complete your registration 14 Butternut Lane** today! Gloucester, MA 01930 *No Refunds after June 30th Local Accommodations: (www.capeann.com) Rockport B&Bs (www.capeann.com) (10 Min) Rockport Inn & Suites (10 Min) Beauport Hotel Gloucester (8 Min) Danvers Marriott Courtyard 978-777-8630 (43 Min) Peabody Marriott 978-977-9700 (39 Min)