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Day Two

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MEDICAL ELECTRONICS SYMPOSIUM

VITAL TECHNOLOGIES FOR HEALTH

Day Two: Thursday, September 27th, 2012

Arizona State University • Tempe Campus • Tempe, AZ

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Keynote Presentation

8:30 am – 9:00 am **Trends in 3D Micro-Packaging for Emerging Implantable Applications** %
Livia Racz, Ph.D., Draper Laboratory

Session 5: Medical Standards, Regulatory & Compliance - Meeting Global Requirements

Session Chair: *Erik Jung, Fraunhofer IZM*

9:00 am – 9:30 am **First Line of Defense Against Counterfeits** GF
Robb Hammond, American Electronic Resource, Inc.

9:30 am – 10:00 am **RoHS Recast – Medical Devices are in Scope** H
Krista Crotty, Alberi EcoTech

10:00 am – 10:30 am **Leveraging Existing Market Knowledge to Ensure a Successful Transition to Pb-Free Medical Products** *) *
Randy Schueller, Ph.D., DfR Solutions

10:30 am – 11:00 am **Break**

Session 6: Integrating Process Excellence into Design Control

Session Chair: *Dale Lee, Plexus*

11:00 am – 11:30 am **Moving Towards Supplier-Owned Quality** i
Lisa Bobich, Ph.D., Medtronic

11:30 am – 12:00 pm **Cleaning Medical Electronic Assemblies** €
Mike Bixenman, DBA, Kyzen Corporation

12:00 pm – 12:30 pm **Statically Charged Printed Wiring Board Electrostatic Discharge Events** FFJ Å
Jay Hamlin, P.E., Medtronic

12:30 pm – 1:30 pm **Lunch**



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Session 7: Advanced Medical Electronics Packaging Technology

Session Chair: Don Banks, St. Jude Medical

- 1:30 pm – 2:00 pm **Reliability Testing of Electronic Circuits Using IST** *AWFH*
Bill Birch, PWB Interconnect
- 2:00 pm – 2:30 pm **Antimicrobial Parylene Technology for Medical Electronics and Other Devices** *AWFG*
Rakesh Kumar, Ph.D., Specialty Coating Systems, Inc.
- 2:30 pm – 3:00 pm **Innovative PCB Solutions Used in Medical and Other Devices** *AWFI*
Michael Sorger, Optiprint
-

3:00 pm – 3:30 pm **Break**

Session 8: The Future of Medical Electronics Systems

Session Chair: Krista Crotty, Alberi EcoTech

- 3:30 pm – 4:00 pm **Compact Antenna for Medical Wireless Communications Applications** *AWFJ*
Patrick Gormally, Vishay Intertechnology
- 4:00 pm – 4:30 pm **Microtechnology for the HighTec Medical Industry** *AWGF*
Erik Jung, Fraunhofer IZM
- 4:30 pm – 5:00 pm **Closing Technology Gaps for the Medical Electronics Industry** *AWCG*
Chuck Richardson, iNEMI