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NOW!



Ohio Valley Chapter Tutorial Program

*“Universal Instruments Corp’s APL Failure Analysis:
Lessons Learned in Manufacturing”*

*Instructors: Denis Barbini, Ph.D. & Martin Anselm, Ph.D.,
Universal Instruments Corporation*

What Will This Training Cover?

Universal Instruments Corp’s Advanced Process Laboratory has observed countless failures in electronics manufacturing. From fine pitch printing, to PoP, 01005 defects, and high Tg laminate failures. These failures combined with internal research have provided a unique perspective for design for manufacturability and reliability. These lessons will be presented to the class when we discuss material selection, current electronics research, and failure analysis case studies. We will touch on design considerations for many advanced assembly processes as well as discussing types of analytical techniques that can be used for materials characterization.

Who Should Attend This Seminar?

*Quality Engineers - Failure Analysis Engineers - Reliability Engineers
Procurement Specialists - Design Engineers - Process Engineers - Project Managers*

Date: April 11, 2013 - Time: 9:00 a.m.-4:30 p.m.
(Registration and Continental Breakfast Begin at 8:00 a.m.)

Location: DoubleTree Hotel 6200 Quarry Lane, Independence, OH

[Map – DoubleTree Hotel](#)

\$200 / \$275 [SMTA Member / Non-member]

Lunch, breaks, and handout material included in fee!

Registration and tutorial details:

http://smta.org/education/chapter_tutorials/chapter_tutorials.cfm#ohio_valley

This outstanding professional development opportunity for members and non-members also supports the SMTA Ohio Valley Chapter!