

# IEEE Components, Packaging and Manufacturing Technology Society Orange County Chapter

Thursday, October 17, 2013

## POLYMERS IN ELECTRONIC PACKAGING AFTERNOON TUTORIAL

Jeff Gotro, Ph.D., CMC® - President at InnoCentrix, LLC

**OVERVIEW:** The tutorial will provide an overview of polymers and the important structure-property-process-performance relationships for electronic packaging. The main learning objectives will include:

- 1) Understand how polymers are used in electronic packaging,
- 2) Learn why specific chemistries are used depending on the application,
- 3) Discover how polymers are enabling the next generation packages, and
- 4) Develop a foundation in rheology and rheological issues in electronic packaging.

**WHO SHOULD ATTEND:** Packaging engineers involved in product development, scale-up, production, and reliability testing of electronic packages would benefit. Those interested in gaining a basic understanding of the role of polymers and polymer-based materials used in electronic packaging will also find this tutorial valuable.

### MEET THE INSTRUCTOR:



With over 30 years' experience in polymers for electronic applications and composites, Dr. Jeff Gotro has held scientific and leadership positions at IBM, AlliedSignal, Honeywell, and Ablestik Laboratories. In 2008, Jeff founded InnoCentrix, LLC a boutique technical and management consultancy serving exclusively the polymer industry. Jeff is an authority in thermosetting polymers and has received invitations to speak at prestigious Gordon Research Conferences (Thermosetting Polymers and Composites). He has presented numerous invited lectures and short courses at technical meetings, has 59 technical publications, 14 issued US patents, and 5 patent applications pending. Jeff has consulting experience with companies ranging from early-stage start-ups to Fortune 50 companies. His unique combination of deep technical knowledge and business experience allow him to drive client projects to commercial success. Dr. Gotro also provides expert witness services and litigation support in the polymer/plastics field. He holds a Ph.D. in Materials Science from Northwestern University with a specialty in polymer science, is a Certified Management Consultant (CMC®) from the Institute of Management Consultants (IMC-USA), and is a member of ACS, FEWA, IMAPS, and SAMPE.

---

Date: **Thursday, October 17, 2013**

Location: **Broadcom Corporation, 5300 California Ave., Irvine, CA 92617 – Bldg. 2 Room 2-1034 Trestles**

Time: **12:00 PM - 1:00 PM** – Lunch provided; **1:00 PM - 5:00 PM** – Tutorial

RSVP: **IEEE members and non-members all are welcome. Please RSVP at <http://tinyurl.com/mt9kke6>**  
For questions regarding RSVP, please contact Cristina Nicoara ([cnicoara@broadcom.com](mailto:cnicoara@broadcom.com)).

---

**For more information please contact the following officers of the IEEE CPMT OC Chapter:**

Raj Peddi (714) 368-2208

Larry Williams (714) 417-9311 x449

Tom Gregorich (949) 926-3939

\*To learn more about the IEEE CPMT OC Chapter, visit us at <http://sites.ieee.org/ocs-cpmt/> or join us on [LinkedIn!](#)\*