

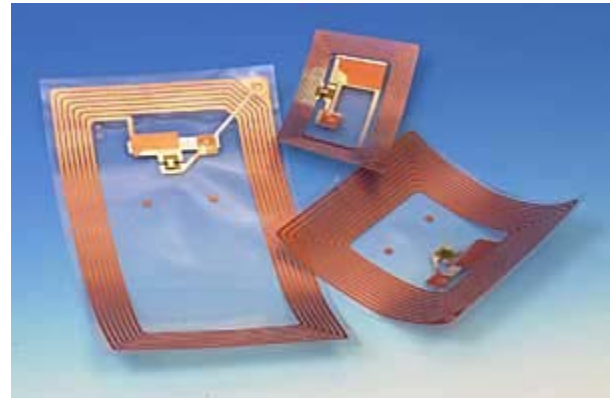
## Packaging Technology for RF and RFID

- In conjunction with IEEE **Wescon 2005**
- Wednesday, April 13, 2005,
- Seminar is 1:00 PM to 5:30 PM
- Registration starts at noon
- Santa Clara Convention Center, Room 209
- Free parking, easy access!

With the advent of RFID chips in the commercial sphere, many companies and individuals are taking an interest in this emerging market. Major retail outlets as well as government use of the devices are spurring a great deal of speculation about the future of the technology and creating demands for lower cost. Because of the small size and extreme cost constraints, packaging and test of these unique devices presents a challenge in terms of handling, yield and cost. This seminar will bring together leading experts in the field to discuss manufacturing, infrastructure, packaging and cost reduction efforts in the industry as well as an overview of RF packaging at Freescale Semiconductor by Norm Owens.

The topics will include:

- RFID technology and deployment
- Packaging technology and standards
- Frequency ranges and antenna packaging
- Manufacturing and cost considerations
- Training opportunities and leads for more information



### PROGRAM

Introduction and Overview – Seminar Chairman

- Les Besser - Besser Associates - **"Overview of RFID Technology and Deployment"**
- Rod Petrianos, Escort Memory Systems - **"Packaging for RFID Antennas, Controllers, and Network Interface Modules"**
- Steve Smith, Alien Technology - **"Packaging Technology for UHF RFID Tags"**
- Vivek Subramanian, UC Berkeley – **"Prospects for All-Printed RFID: Technology, Opportunities and Challenges"**
- Telesphor Kamgaing, Intel Corp. – **"Design of Small Form-Factor RF Packaging"**
- Norm Owens - Freescale Semiconductor - **"RF/Microwave Packaging Technology at Freescale Semiconductor"**

### REGISTER TODAY!

The seminar is filling up fast, so register early to ensure a seat for this interesting technical program.

### REGISTRATION FEES

	After April 1
IEEE MEMBER	\$95.00
NON-MEMBER	\$125.00
STUDENT	\$35.00
UNEMPLOYED*	\$35.00

\*With proof of unemployment

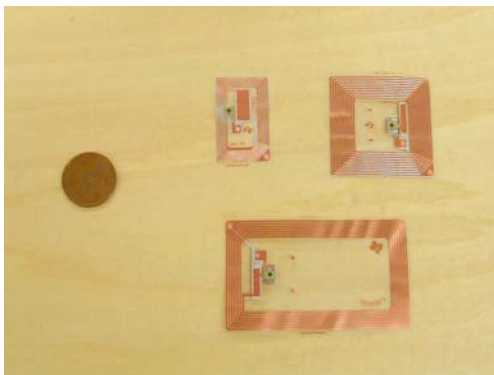
### For Further Information:

[www.cpmt.org/scv/courses/rfid.html](http://www.cpmt.org/scv/courses/rfid.html)

[www.wescon.com](http://www.wescon.com)

or Contact Farhad Akhavan at (408)546-5872

**Registration Form – Next sheet →**





# Wescon D2M 2005



## Packaging Technology for RF and RFID

REGISTRATION FORM  
**Packaging and Test Technology for RFID**  
Wednesday, April 13, 2005, 1:00 - 5:30 PM

EMAIL/Mail your Registration Form to: Farhad Akhavan  
(farhad.akhavan@ieee.org)  
2285 Royal Tree Circle  
San Jose, CA 95131

Make Checks and Purchase Orders payable to "IEEE-CPMT".

Credit Card Payments Accepted Only Through our Online PayPal Account:

[www.cpmt.org/scv/courses/rfid.html](http://www.cpmt.org/scv/courses/rfid.html)

Payment and cancellation refund requests due by Friday April 8.  
Substitute attendees accepted anytime.

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UNEMPLOYED*	\$ 35.00

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NAME \_\_\_\_\_ COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_ JOB TITLE \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Include FAX# for Confirmation \_\_\_\_\_

Email \_\_\_\_\_

Additional Name \_\_\_\_\_ Amt: \_\_\_\_\_

Additional Name \_\_\_\_\_ Amt: \_\_\_\_\_

Payment by:

Check # \_\_\_\_\_ PayPal \_\_\_\_\_

Amount \$ \_\_\_\_\_ IEEE Mem.# \_\_\_\_\_ (Required For Discount)

If you can't attend, what about a Team Member?