



# CALCE (Univ. of Maryland) and Politecnico di Torino Announce A Short Course on Design of Reliable Electronic Products



**Friday, May 25, 2012  
9:00 to 17:00**

**Location: "COREP"  
Corso Trento 13  
10129 Torino, Italy**

**Cost: €400 per person  
+ VAT where applicable  
(€387 for CALCE  
consortium members, VAT included for  
professionals & companies)**

**For a registration form and  
more information, visit:  
<http://www.uep.corep.it/reliability>  
or**

**[http://www.calce.umd.edu/  
RelCourseItaly](http://www.calce.umd.edu/RelCourseItaly)  
or contact**

**Maria Elisabetta Racca  
Email: [maria.racca@polito.it](mailto:maria.racca@polito.it)  
Tel: +39-011-090-4237  
or**

**Ms. Joan Lee  
Email: [joanyuan@umd.edu](mailto:joanyuan@umd.edu)  
Tel: 1-301-405-1905**

An intensive one day course on design for reliability of electronics is being offered jointly by CALCE and Politecnico di Torino.

The course will present the techniques that enable electronic products and systems to meet reliability objectives as they are designed, minimizing repeated testing and redesign cycles.

Following a brief introduction to reliability principles, lecture topics will include:

- Design for Reliability Methodology
- Physics of Failure
- Accelerated Testing and Qualification
- Root Cause Analysis
- EMI/EMC and Signal Integrity Impact on Reliability
- Real-Time Monitoring for Risk Reduction

This course is suitable for engineers involved in design, specification, testing, or purchase of electronic products; project managers; technical marketing personnel; educators; and students.

## Registration Form

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State or Province: \_\_\_\_\_

Zip/PostalCode: \_\_\_\_\_

Country: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Please describe the type of electronic products or systems that you work with

\_\_\_\_\_

\_\_\_\_\_

### **Payment method:**

Bank Transfer or  
Credit card through Pay Pal  
(<http://www.uep.corep.it/reliability>)

Expiration Date: May 22, 2012

**Please complete your registration  
before May 21, 2012.  
Space is limited.**