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IEEE SCV EMC Society  
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April 2003 Issue

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## SCV IEEE/EMC Society Meeting Tuesday, April 8, 2003

### Subject:

Design and Construction of Semi Anechoic EMC Chambers, including a open house of the new Apple Computer 10-meter chamber.

Speaker: Darryl Ray, Senior EMC Engineer, Apple Computer, Inc.

Time: 5:30 p.m. Social, 7:00 p.m. Presentation  
8:15 PM Apple Chamber Tour, Mt. View

Place: Applied Materials Bowers Cafe, 3090 Bowers, Santa Clara, CA 95051-0804

### Abstract:

The design, procurement, and construction of a modern EMC chamber can be tricky business there are many factors to consider. Although chamber manufacturers offer a "Turnkey" solution, it is best to customize the design towards the users particular needs. This presentation will review various design considerations including performance, features & suggested interfaces for testing ITE products. Advice on how to purchase a chamber and an overview the construction headaches often encountered will also be presented. The presentation will conclude with a brief photo session of the construction of the new Apple EMC lab.

After the presentation, an open house will be held at the new 10-meter Apple chamber. The open house will take place from 8:15 PM to 9:15PM. The chamber is located at 123 E. Evelyn, Mountain View, CA. Directions and parking information will be announced at the meeting.

### Biography:

Darryl Ray is a senior EMC engineer at Apple Computer, in charge of the EMC compliance for the server and high-end desktop product line. He is a Senior Member of the IEEE with more than 20 years EMC experience. He has been involved with the design and construction of 8 EMC labs, including three 10-meter semi anechoic chambers within the last 6 years. He is an active member of the U.S. Technical Advisory Group for CISPR/I and is the ITI TC5 committees on EMC. Mr. Ray has a Bachelor of Engineering Technology degree from Wayne State University in Detroit. Darryl is a past chair of the Santa Clara Valley EMC chapter, and is currently on the IEEE EMC2004 EMC Symposium committee serving as publicity chair.

## IEEE/EMC/SCV CHAPTER Meeting Tuesday April 8, 2003

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3090 Bowers, Santa Clara, CA 95051-0804

5:30 p.m. Social

7:00 p.m. Presentation

8:15 PM Apple Chamber Tour,  
Mountain View



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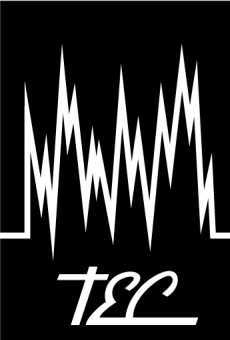
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