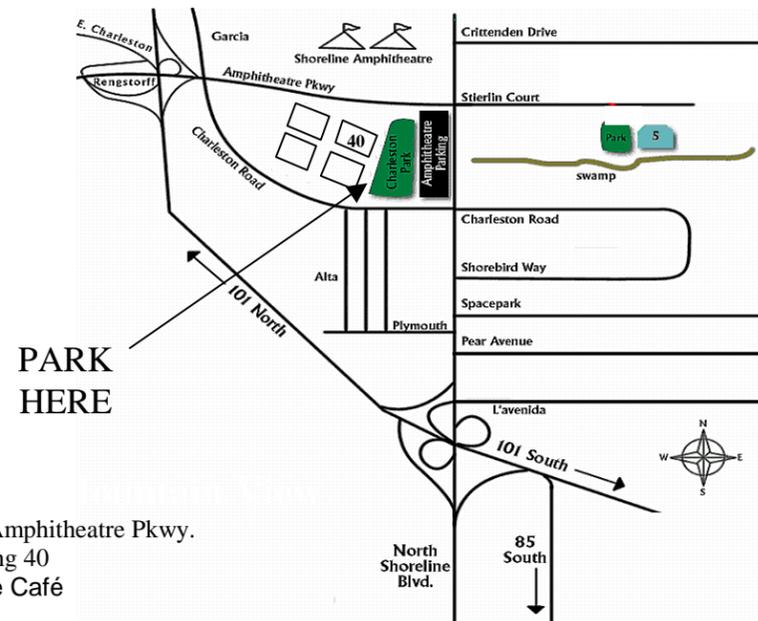


SCV-CHAPTER OF THE IEEE EMC SOCIETY MEETING LOCATION



1600 Amphitheatre Pkwy.
Building 40
Ozone Café

MEETING TIME:
Social – 5:30 PM
Presentation – 7:00 PM

Dated Material - Meeting Notice
Address Service Requested
Spectral Lines

IEEE SCV EMC Society
c/o Bertram K.C. Chan
P.O.Box 4570
Mountain View, CA 94040-5070



Spectral Lines

www.scvemc.org Santa Clara Valley Chapter of IEEE Electromagnetic Compatibility Society

May 2002 Issue

SCV EMC Society Meeting Tuesday, May 14, 2002

Officers:

Chairman: Tom Cokenias
650-726-1263
fax: 650-726-1252
trephonc@macconnect.com

Vice Chair: Chuck Troia
408-525-6080
fax: 408-525-5172
ctroia@cisco.com

Treasurer: Len Goldschmidt
408-902-8252
fax: 408-902-8387
lgoldsch@cisco.com

Secretary: Bertram Chan
408-586-1983
fax: 408-586-1900
Bchan@foundrynet.com

Committees:

Activities:
Raymond Mascia
raym@runner.engr.sgi.com

Institutions:
Jack Huber
408-241-5699
jhuber@apm-emi.com

Membership: Rich Watkins
408-736-3425
HERSHEY185@aol.com

Nominating:
Len Goldschmidt
408-526-6841
lgoldsch@cisco.com

Webmaster: Mike Walker
webmaster@scvemc.org

Date: May 14, 2002 (second Tuesday of the month)
Time: 5:30 Social, 7:00 Presentation
Place: 1600 Amphitheater Parkway, SGI Bldg 40, Mt View, CA
Speaker: Barbara Judge

EMC Regulations and Regulators: What's New, Who's Who?

Abstract:

Change is the one sure constant there is, and it is certainly true about worldwide EMC regulatory activities. Maxwell was able to describe electromagnetism with just four equations, but it takes thousands of standards to regulate EMC throughout the world, with dozens more being adopted or modified each year. This presentation will cover in survey fashion some of the more pertinent EMC standards that have been recently published for use worldwide, with focus on changes to be expected when (and if) the new version of the EMC Directive is adopted in the EU.

The EMC regulators are also going through changes – certification activities previously the responsibility of governments are also being performed by the private sector, and governments are changing their long-established procedures. What these changes entail and who the players are will be discussed with respect to effort required to obtain EMC compliance for products in today's marketplace.

$$\nabla \times \vec{E} = - \frac{\partial \vec{B}}{\partial t}$$

$$\nabla \times \vec{H} = \frac{\partial \vec{D}}{\partial t} + \vec{J}$$

$$\nabla \cdot \vec{D} = \rho$$

$$\nabla \cdot \vec{B} = 0$$

Bio:

Barbara Judge, vice president of compliance certification services, chair of the TCB Council, and vice-chair of ACIL EMC Committee, has been working in the EMC regulatory field since 1981. Prior to that she was VP of Sales at Spinnaker Software.

"Total Solution, Single Source"



ETS
EMC TEST SYSTEMS, L.P. - An EMC Company

Anechoics, Shielding, Antennas, and Accessories
info@emctest.com www.emctest.com

Represented by **ATS**
Phone 925.736.2147 Fax 925.736.1314
E-Mail ATSSesse@aol.com

GLOBAL EMC AND SAFETY SERVICES

- Design Consultation
- Pre-Compliance and Certification Testing
- Technical Seminars
- Facility Management
- Two Bay Area Locations



LABORATORIES, INC.

Celebrating our 27th Year
(800) 500-4EMC
www.ckc.com



Montrose Compliance Services, Inc.
Electromagnetic Compatibility and Product Safety

Mark I. Montrose

Consulting and Design Services Seminars - Public and Private
Printed Circuit Board Layout and Design
CE Test Laboratory (ISO Guide 25 Assessed)
Specializing in ITE and Industrial Products for CE Compliance

www.montrosecompliance.com

2353 Mission Glen Drive Santa Clara, CA 95051-1214 and FAX (408) 247-5715
mmontros@ix.netcom.com



11825 Niles Canyon Road
Sunol, CA 94586
(925) 862-9051
(925) 862-9052 (Fax)

WORLDWIDE TESTING DESIGN ANALYSIS

A Subsidiary of Underwriters Laboratories, Inc. 



Engineering Representatives
Northern California
FAX: (425) 940-3180
Phone: (408) 263 6486
www.arctechnical.com
Equipment for Regulatory Compliance

Anechoic Chambers	Burst / Surge Immunity	Emissions
Shielded Enclosures	Antennas	ESD Equipment
Power Analyzers	Towers	LISN's & CDN's
Harmonics / Flicker	Magnetic Fields	Positioners
RF Amplifiers		AC Sources

Complete Systems & Services for the EMC Professional

TURNTABLES
ANTENNA TOWERS

Sunol Sciences Corp
www.sunolsciences.com
925-485-9260

APM Inc,
3481 Rider Trail South
St. Louis, MO 63045
Tel. 800 843-4556
Fax 314 344-9333

Jack Huber
Tel 408 241-5699
Fax 408 241-5689
E-mail jhuber@apm-emi.com

SPEC THE BEST
www.apm-emi.com

A NEW DIRECTION IN EMI SHIELDING SOLUTIONS 

HAEFELY EMC
TECHNOLOGY 

Telco Surge:
New Surge Platform
Bellcore GR-1089
FCC Part 68 / ETSI
ANSI / UL tests

CE Mark Equipment:
ESD, EFT, Surge testers
Conducted Immunity
Magnetic Fields, Dips, Sags
Harmonics / Flicker

(703)904-5725 (703)904-5739 FAX
www.haefely.com
Much More Than CE Mark Testing

Testing systems for EMC



Conducted Immunity
Radiated Immunity
Emissions Systems
Transient Systems
STEM Systems
CDN's & Clamps

Industry Standard hardware

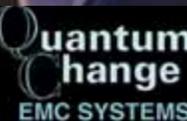
COMPLIANCE SYSTEMS CORPORATION
(714) 572-1338 (714) 572-2338 FAX
www.compliancesys.com

100 Hz to 40 GHz
Test Equipment, Antennas & Accessories for
Communication, Surveillance, & EMC Testing

ANTENNA RESEARCH 11317 Frederick Avenue
Beltsville, MD 20705

Tel: (301) 937-8888 Fax: (301)937-2796
E-mail: emc@ara-inc.com <http://www.ara-inc.com>

(215)385-0242
www.quantumchange.com




EMC TEST EQUIPMENT RENTAL and SALES

- Most major EMC brands in stock
- Knowledgeable technical support
- Calibration and repair services
- Rental, leasing, and financing options
- In the business since 1974

1-888-RENT-EMC
1-888-736-8362

sales@testeq.com <http://www.testeq.com/>

Elliott

Located in the Heart of Silicon Valley

Elliott Laboratories Inc.
Sunnyvale, California
408-245-7800 Phone
408-245-3499 Fax
www.elliottlabs.com
info@elliottlabs.com

Testing, Engineering and Consulting Services

- Electromagnetic Compatibility
- Product Safety
- Telecom
- Environmental

Test Facility Management
Call Us Today for All Your Compliance Needs.

Our experience is your success.

YOUR AD CAN BE HERE

For any information regarding advertising, please contact
Jack Huber
408-241-5699
jhuber@apm-emi.com

