



The IEEE Electromagnetic Compatibility Society
Singapore and CET Technologies

Presents:

(1) Electrophobia, or Why are people so scared of Electromagnetic Fields?

Elya B Joffe

Senior Member of IEEE, Board of Director IEEE EMC Society, Immediate Past-Chairman of the Israel IEEE EMC Chapter, VP Engineering at K.T.M. Project Engineering, Registered Professional Engineer and a NARTE certified EMC and ESD Control Engineer. Listed in the 1997 edition of "Who's Who in the World".

(2) Decoupling, Bypassing and Buried Capacitance for Enhanced PCB Performance.

Mark Montrose

Senior Member of IEEE, Board of Director IEEE EMC Society, Principal Consultant of Montrose Compliance Services, Inc., author of "Printed Circuit Board Design Techniques for EMC Compliance" and "EMC and the Printed Circuit Board-Design, Techniques and Layout made Simple" published by the IEEE Press.

Location: **ST Elect. Thearette, CET Technologies, 24 Ang Mo Kio Street 65, Singapore** (For security reasons, visitors please bring your Identity Cards / Passports and company name cards)

Date: **7th Sept, 2001**

Time: 6.00 - 6.30 p.m.: Light refreshment

6.30 - 7.30 p.m.: " Electrophobia..." by Elya Joffe

7.30 - 8.30 p.m.: " Decoupling, Bypassing..." by Mark Montrose

Fee: EMCS chapter members, free. **\$5** (IEEE members), **\$10** (others), IEEE members please produce your membership cards. Payment to be made on the day of the meeting.

Pre Registration Form Fax: 4671730 Attn:Tim Foo , Secretary of EMCS Singapore

1 Mr/Ms/ _____ (EMCS / IEEE / others) E-mail _____

2 Mr/Ms/ _____ (EMCS / IEEE / others) E-mail _____

3 Mr/Ms/ _____ (EMCS / IEEE / others) E-mail _____

Company: _____

Address: _____

Contact-Person: Mr/Ms _____ Fax _____ E-mail _____

Chapter meeting of the EMC Society, Singapore

The Singapore IEEE EMC Society Chapter is presenting our first chapter meeting with two members of the Board of Directors of the IEEE EMC Society, both Senior Members of the IEEE, and both distinguished lecturers who just happen to be in Singapore at the same time to help kick off the Singapore EMC Chapter. This is an opportunity that may never again happen.

The event will consist of a short evening based on EMC material - a must attend event for every engineer faced with the issues relating to Electromagnetic Compatibility and Electromagnetic Fields (EMF). The evening will consist of two EMC seminar type talks. These are presentations on the facts and fallacies relating to EMF matters and design fundamentals affecting EMC.

The purpose of this event is to offer EMC and some physics appreciation to individuals interested in the field of EMC who would not normally attend one of the regional or international EMC symposiums. It is a great time to meet others who is working in this field in Singapore.

The admission fee includes coffee and refreshments.

Members and Non-Members of the IEEE EMC Society are invited to all chapter activities, and meetings.

About the speakers:

Elya B joffe works for K.T.M. Project Engineering, an engineering consulting company in Israel since 1987. He currently holds the position of Vice-President of Engineering and works as a Senior EMC engineering Specialist and consultant. Prior to that, between 1981 to 1987, he was with the Engineering Division of the Air Force, responsible for EMC and System Engineering for airborne systems. His responsibilities included the EMC design of modern and upgraded military aircraft.

Mr Joffe has over 15 years of experience in government and industry, in EMC/E3 (Electromagnetic Compatibility/ Electromagnetic Environmental Effect) for electronic systems and platforms. His work covers EMC, EMP and Lighting Protection Design, as well as numerical modeling for solution of EMC problems.

Mr Joffe has authored and co-authored over 20 papers in EMC and EMC related topics in both the IEEE Transactions on EMC and Broadcasting, the IEEE EMC Society as well as the Zurich Symposia. He is also an associate editor of the IEEE EMC Society's Transactions on Electromagnetic Compatibility.

Mr Joffe is also a member of a prestigious fraternity of EMC Engineers – “The dB Society”.

Mark I Montrose is principal consultant of Montrose Compliance Services, Inc., a full service regulatory compliance firm specializing in electromagnetic compatibility (EMC) and product safety. Prior to becoming a consultant, he was responsible for regulatory compliance at various high-technology companies in California, USA. His work experience includes design, test and certification of ITE (Information Technology Equipment) and ISM (Industrial, Scientific and Medical Equipment), specializing in the arena for the European EMC and Low Voltage Directives.

Mr Montrose is a director of TC-8 (Product Safety Technical Committee of the IEEE EMC Society), creator of TC-10 (Signal Integrity) and is also a member of “The dB Society”. He is an active participant in international activities of the IEEE and the EMC Society. He is a life member in the American Radio Relay League (ARRL), has authored and presented numerous papers on PCB design, theory and layout related to EMC and signal integrity at IEEE International EMC Symposiums and Colloquiums in North America, Europe and Asia. He also does presentations at professional, non-IEEE conferences around the world.

Mr Montrose also provides accredited PCB design and layout seminars to corporate clients worldwide, and acts as an adjunct professor for several private organizations and schools and a university in addition to conducting in-house seminars for companies worldwide.