



EMC Society
of Australia



**EMC Essentials - from Grassroots to
Advanced Design and Diagnostics**



Elya Joffe – President Electromagnetic Solutions, Ltd.

Mr. Joffe has over 20 years of experience in government and industry, in EMC/E3, Electromagnetic Compatibility /Electromagnetic Environmental Effects, for electronic systems and platforms, in particular aircraft and aerospace. He is actively involved in the EMC design of commercial and defense systems, from circuits to full platforms. His work covers various fields in the discipline of EMC, such as NEMP and Lightning Protection design, as well as numerical modeling for solution of EMC Problems.



This event has been made possible by Exemplar Global Inc.

Mr. Joffe has authored and co-authored over 30 papers in the IEEE Transactions on EMC and Broadcasting, as well as in the proceedings of International EMC Symposia. He is also the lead author of the book "The Grounds for Grounding", published by IEEE Press and John E. Wiley and Sons in early 2010. He is a Senior Member of IEEE, President of the IEEE EMC Society and member of the Board of Directors of the IEEE Product Safety Engineering Society. He is also the Immediate Past Chairman of the Israel IEEE EMC Chapter and has served as a "Distinguished Lecturer" of the IEEE EMC Society. Mr. Joffe is an iNARTE certified EMC and ESD Control Engineer and a member of the "dB Society".

Mr. Joffe has received several awards and recognitions from the IEEE and EMC Society for his activities. He is a recipient of the prestigious IEEE "Larry K. Wilson" Trans-national Award, 2005, the "Lawrence G. Cumming Award for Outstanding service" of the IEEE EMC Society, 2002, the "Honorary Life Member Award" of the IEEE EMC Society, 2004, as well as the IEEE EMC Society "Technical Achievement Award". He is also recipient of the "Third Millennium Medal".

Who's Afraid of Maxwell's Equations, Fundamentals of Grounding Design Transient Suppression and Protection Design.

Essential EMC engineering information; and, how to apply it. Presented in an entertaining manner that makes it easy to understand. Presentation outline:

1. In the beginning
2. Who's Afraid of Maxwell's Equations
3. Fundamentals of Grounding Design: Part I
4. Fundamentals of Grounding Design: Part II
5. Transient Suppression and Protection Devices

No cost for EMCSA members, food and refreshments not included.

9:00 AM event registration for a 9:30 AM kick off, light lunch 12 noon, workshop wrap up 3:30 PM.
RSVP by Monday 18th April.

Replies to Renee please:
rdenton@exemplarglobal.org

Adelaide 3rd May
The University of Adelaide
Level 4, Union House,
The WP Rogers Room,
South Australia

Melbourne 4th May
The University of Melbourne
International House
241 Royal Parade
Parkville, Victoria

International House is surrounded by ample street parking, specifically:

- Free 2 hour street parking on "ROYAL PARADE"
- Metered parking on "LEONARD STREET"
- All day ticket parking on "THE AVENUE", required between: 7.30am - 6.30pm (80cents per hour)

Sydney 5th May
Exemplar Global
Level 1, Werrington Park Corporate Centre, 14 Great Western Hwy,
Werrington NSW