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*presents*

## EMC Standards and Products Update Seminar

Rohde & Schwarz, Haefely EMC and TMG Test Equipment are pleased to announce a complimentary full day EMC Standards and Products Update Seminar in **Sydney, Melbourne and Adelaide** during mid-July this year.

The seminar will be co-presented by:

### Jens Medler Rohde & Schwarz



Jens Medler is responsible for the standardisation and application support of EMI test receivers and accessories for both hardware and software at Rohde and Schwarz.

Jens has been an active member of various CISPR Subcommittees since 1999. This includes SC-A on EMC measurement instrumentation and methods and SC-I on information technology equipment, multimedia equipment and receivers. Since April 2007 he is acting as Secretary of SC-A WG2; the CISPR Working Group on EMC measurement methods, statistical techniques and uncertainty. He is recipient of the IEC 1906 Award.

### Ryan D. Bares Haefely EMC



Ryan Bares is the International Sales and Product Manager for the Haefely EMC line. Ryan has been participating in various technical committees since 2006 including ANSI, IEC and IEEE.

Most recently Ryan has worked on the harmonisation of ANSI and IEC standards by providing technical guidance and application support. He has a B.S.E.E. from Trinity College and is pursuing a Masters Degree at the University of Connecticut.

**Register now**

Register your attendance using our 30 second [registration form](#).

## Topics Covered:

### EMC Standards:

- CISPR 16 - Structure and normative references
- CISPR 16 - New requirements (incl. CISPR-Average Detector, Peak Detector > 1Ghz)
- CISPR 16 - New work items
  - ❖ FFT-based measurement instrumentation and measurement methods to be used with FFT-based measuring receiver
  - ❖ Background information on the definition of the FFT-based measuring receiver
  - ❖ EMI receiver with FFT applied to the wideband IF
  - ❖ Measurement Instrumentation Uncertainty
- [IEC/EN 61000-4-2 Edition 2](#): Electrostatic discharge immunity test.  
*The effects of the new ESD standard on ESD simulators and their calibration.*
- [IEC 61000 4-4](#): Electrical fast transient/burst immunity test.
- [IEC 61000 4-5](#): Surge immunity test.
- [IEC 61000 4-8](#): Power frequency magnetic field immunity test.
- [IEC 61000 4-9](#): Pulse magnetic field immunity test.
- [IEC 61000 4-11](#): Voltage dips, short interruptions and voltage variations immunity tests.
- [IEC 61000 4-29](#): Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests.



### Products:

- Rohde & Schwarz [ESU](#) EMI Test Receiver
- Rohde & Schwarz [ESCI](#) EMI Test Receiver
- Rohde & Schwarz [FSV](#) RF Spectrum Analyser
- Rohde & Schwarz [SMA](#) RF Signal Generator
- Rohde & Schwarz [SMC](#) RF Signal Generator
- Haefely [ONYX](#) Electrostatic Discharge ESD Simulator
- Haefely [ECOMPACT4](#) Ultra-compact Immunity Tester
- Haefely [PSURGE8000](#) Surge Platform Test System

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## Date and Locations:

Venues	Details
MELBOURNE	<b>Wednesday 14th July 2010</b> Novotel St Kilda 16 The Esplanade, St Kilda VIC 3182 <a href="#">View location via Google Maps</a>
ADELAIDE	<b>Friday 16th July 2010</b> Technology Park Adelaide Innovation House Mawson Lakes Boulevard, Mawson Lakes SA 5095 <a href="#">View location via Google Maps</a>
SYDNEY	<b>Monday 19th July 2010</b> Rohde & Schwarz (Australia) Pty Ltd Unit 2, 75 Epping Road, North Ryde NSW 2113 <a href="#">View location via Google Maps</a>

## Schedule for the day will be as follows:

8:30 – 9:00am	Registration
9:00 – 10:15 am	
10:15 – 10:30am	Morning Tea Break (provided)
10:30 – 12:15pm	
12:15 – 1:15pm	Lunch Break (provided)
1:15 – 3:15pm	
3:15 – 3:30pm	Afternoon Tea Break (provided)
3:30 – 4:30pm	

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