



Short Course on Microwave Measurements

Nov. 28 – 29, 2006
Broomfield, Colorado



AGENDA

Tuesday, November 28

- 7:30 a.m. – 8:00 a.m. **Registration**
- 8:00 a.m. – 9:15 a.m. **VNA Error Models and Calibration Methods**
David Blackham – Agilent
- 9:15 a.m. – 9:50 a.m. **RF Connectors and Transmission Lines**
Ron Ginley – NIST
- 9:50 a.m. – 10:20 a.m. **Break**
- 10:20 a.m. – 11:00 a.m. **VNA Uncertainty**
Ron Ginley – NIST
- 11:00 a.m. – 12:15 p.m. **Microwave Power Measurements**
Tom Crowley – NIST
- 12:15 p.m. – 1:30p.m. **Lunch**
- 1:30 p.m. – 3:00 p.m. **Phase Noise Measurements**
Craig Nelson – NIST
- 3:00 p.m. – 3:30 p.m. **Break**
- 3:30 p.m. – 4:30 p.m. **Thermal Noise Measurements**
Jim Randa – NIST
- 4:30 p.m. – 5:30 p.m. **Introduction to Nonlinear Measurements**
Jan Verspecht – Jan Verspecht BVBA



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Wednesday, November 29

- 8:00 a.m. – 8:45 a.m. **Evaluating Uncertainty in Complex Quantities**
Nick Ridler – NPL
- 8:45 a.m. – 9:40 a.m. **Introduction to Optoelectronic Measurements**
Paul Hale – NIST
- 9:40 a.m. – 10:00 a.m. **Break**
- 10:00 a.m. – 10:45 a.m. **Practical Oscilloscope Measurements**
Paul Hale – NIST
- 10:45 a.m. – 12:15 p.m. **EMC Issues in Metrology**
Howard Reader – University of Stellenbosch
- 12:15 p.m. – 1:30 p.m. **Lunch**