

KEITHLEY SEMINAR
"CHARACTERIZATION OF MATERIALS AND DEVICES"

Location

Nortelco Electronics and Keithley arrange seminars at below locations:

- Chalmers University, Göteborg in Sweden (meeting location to be announced)
Date: Tuesday the 31st of January
Time: 09.30-12.00
- Lund University, Lund in Sweden (meeting location to be announced)
Date: Wednesday the 1st of February
Time: 09.30-12.00
- DTU Risø, Roskilde in Denmark, H.H. Koch Auditorium, Building 112
Date: Thursday the 2nd of February
Time: 09.30-12.00

Registration

Please confirm with an e-mail to monica.andersson@nortelco.se (for seminars in Sweden) or tommi.soerensen@nortelco.dk (for seminar in Denmark) with the number of participants from your side, as well as name of the institution/company. Deadline for registration: asap.

Information about the seminar

The seminars will be held in English by Derek MacLachlan, Application Engineer from Keithley Instruments.

"Practical Measurement Methods for Characterizing today's Electronic Components and Materials". We will introduce you to a range of precision electronic and semiconductor Characterization and reliability measurement techniques, incl. applications, standards, new developments, innovations, and trends. From low power devices and materials such as nano / micro scale components to the latest research materials such as Graphene, we will cover the range of equipment required and techniques that are used throughout R&D and Industry.

- IV Characterization Methods, including: principles of Source Measure Units, from single channel to multiple channel complex test systems, from very low power devices in the nano / micro scale to high power (up to 100A).
- Pulsed IV, including: Ultra Fast IV pulse techniques for nano / micro scale devices, and also High Power devices such as High Brightness LEDs, Gallium Nitride and Silicon Carbide power devices etc.
- Application Challenges - what factors affect accuracy and repeatability, and what can be done to improve these issues - thermal effects, test times, low current / low resistance / high resistance, low and high power devices.
- How to get the best out of your instrumentation, including demonstrations, latest instruments etc.

Welcome!

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