

Intro to PC-based Data Acquisition & Sensor Measurements **Hands-on Workshop**



Brisbane, Friday 7th November, 2008

National Instruments and the Australian Microelectronics Centre would like to invite you to attend a free workshop and get **hands-on experience building flexible, modular, data acquisition systems.**

Learn how you can easily build applications, take real-world measurements and **take advantage of sensor- and signal-specific conditioning** to improve your measurement accuracy. Also learn how to acquire, analyse and present your data with industry leading **data-logging** software and NI LabVIEW graphical programming.

Exercises featured in this free introductory workshop will show you how to:

- connect and measure real-world signals using **RTDs, thermocouples, strain gauges** and more
- approach basic and advanced **datalogging** applications
- design **user interfaces**
- control analog input and drive digital I/O lines
- analyse your measurements - without programming
- build a basic **control application**
- **add structures** for decision making into your applications
- **create Virtual Instruments** for signal simulation

Who Benefits from Attending?

Engineers, scientists, and technicians involved in test, measurement, or process monitoring and control for a wide range of applications including data logging, signal acquisition and generation, control and simulation, data management and acoustic/vibration.

Registration: For more information or to register, [visit us online](#), email niaustralia.register@ni.com, or **freecall 1800 300 800**. We

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Your Presenter

[Ganesh Ganeshkumar](#)

Senior Applications Engineer

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also encourage you to [extend this invitation to your colleagues](#).

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Date: Friday 7th November 2008

Time: 9am - 12.30pm

Cost: Free

Location: Level 1, Australian Microelectronics Centre, Clunies Ross Court, Crn Logan and Miles Platting Rd, Eight Mile Plains QLD

RSVP: Monday 3rd November 2008



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