



NANO AND MICRO INDENTATION WITH HYSITRON – OVERVIEW OF THE TECHNOLOGY AND TECHNIQUES AVAILABLE ON THE TRIBOLAB

Mr. Greg Lance
Hysitron Inc

Tuesday
31st March 2009, 3:00 p.m. – 4:00 p.m.
Science Lecture Theatre S2

In addition to nanoindentation and microindentation, Hysitron's instrument capabilities include tribology, modulus mapping, dynamic mechanical analysis, acoustic emission monitoring, electrical contact resistance and in-situ SEM and TEM nanomechanical testing. Greg will give an overview of Hysitron technology, and the techniques available with particular relation to the Tribolab installed at Monash University.

This device is one we have at Monash Engineering already and available for use. Some folk are already using it. The idea of this lecture is to make people more aware of it, its capabilities and materials that can be examined and tested. After the talk, the Hysitron folk will remain for questions and discussions about its suitability for your project, hopefully stimulating your interest.

Visitors are most welcome: Please note the parking arrangements. There is a designated Visitors Car Park (N1) clearly ground-marked by white paint and tickets, at a cost of \$3/day, are available from a dispensing machine. ('Blue' permit designated areas are for Monash members only.). It is also possible to park at other designated Visitors Car Parks (E1, S1 and S2) on the Clayton Campus, but tickets are \$1.4/hour.

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