



The Faculty of IT and the Monash e-Research Centre
are proud to present the following seminar - part of the
High Definition interactive video links of
MURPA Seminar Series 2010

Cyberinfrastructure for Large-Scale Environmental Observing Systems By Dr Sameer Tilak

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Science and engineering communities have initiated programs to design and deploy observing systems for monitoring both civil infrastructure and natural environments to address significant national and international issues that impact basic science, human health, resource management, and economic sustainability.

These observing systems are complex enterprises consisting of field-deployed sensors networked (both wired and wireless) to back-end high-performance computing, storage, and visualization facilities for analyzing, storing, and visualizing the collected data, and in some cases, closed loop control. - In this talk I will describe our approach for cyberinfrastructure design, development, and deployment at the Moorea Coral Reef site, a node of the The Coral Reef Environmental Observatory Network.
(Visit: <http://www.coralreefeon.org/>)

Date: Friday 28 May
Time: 10am-11am
Location: Seminar Room 135, Building 26,
Clayton campus
Registration by 27 May: Rob.Gray@infotech.monash.edu.au

MURPA Seminar Series 2010

Monash Undergraduate Research Projects Abroad (MURPA) supports a unique summer mode placement in a leading research group overseas. It not only provides a research experience at the undergraduate level, but does this in an international context. Students are placed for a period of eight weeks allowing them to integrate into the research groups as team members.

MURPA also involves an advanced seminar scheme, in which students can attend seminars given by world leading experts before they leave. The seminar scheme is novel, because it uses cutting edge High Definition interactive video links with the University of California - and often simultaneous links to Japan - making it feasible to attract some of the world's best researchers "virtually" to Monash. These seminars also allow students to "meet" potential UCSD mentors and obtain information about possible projects.

<https://messagelab.monash.edu.au/MURPA/MURPA2010>