

Registration Form

NANYANG TECHNOLOGICAL UNIVERSITY
ADVANCED MATERIALS RESEARCH CENTRE
(A Joint Centre of Schools of Materials Engineering and
Mechanical & Production Engineering)

(Seminar is organised in conjunction with the
Institute of Materials, E. Asia)

**QUANTUM WELL INTERMIXING FOR PHOTONIC
DEVICE INTEGRATION**

By **Professor Chennupati Jagadish**

Department of Electronic Materials Engineering
Research School of Physical Sciences and Engineering
The Australian National University
Canberra

Saturday, 16 December 2000, 10:00 - 11:00 am, Lecture Theatre 11
(Level 4, Between N2 & CSE, NTU)

(Refreshments will be served at the end of Seminar).

Particulars of Participant:

Name (Prof/Dr/Mr/Mrs): _____

Position: _____

Organization: _____

Address: _____

_____ Tel: _____

Signature: _____ (No fee is charged)

For registration and enquiries, please contact: Ms. Ng Siu Din,

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Chaired by Dr Yuan Shu

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Venue: Lecture Theatre 11 (Level 4, Between N2 & CSE)

School of Materials Engineering, Nanyang Technological University, Singapore 639798, Tel: 790 6090, Fax: 793 5297

Nanyang Technological University

Synopsis

In this talk, I will give an overview of Compound Semiconductor research activities at the Australian National University. Then, I will introduce and discuss about various methods to achieve Quantum Well Intermixing for Photonic Device Integration. Particularly, relative merits and limitations of impurity induced disordering, impurity free intermixing, implantation induced intermixing will be presented.

About the Speaker

Professor C. Jagadish is currently Head of the Department of Electronic Materials Engineering at the Australian National University. Based on the research carried out in Prof. Jagadish's group, recently a company called Acton Lasers was launched to commercialise optoelectronic devices developed at ANU. Prof. Jagadish is currently Chair of IEEE Optoelectronic Devices Technical Committee of the Electron Devices Society (EDS), a member of AdCom of EDS and also a member of Compound Semiconductor Devices and Circuits Technical Committee of EDS. Prof. Jagadish is also Founder and Director of Acton Lasers.