

RDAS GRANTS - PROJECTS IN PROGRESS

Electrical Engineering Department

Dr. Chow Hon Yean

65-7722108

Fax:

65-7791103

- * "Machine Vision Systems for IC Inspection", a project involving the development of image processing and lighting techniques for the automation of integrated circuit inspection.

Professor Tjhong Tjeng Thiang

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- * "Optical Fibre Local Subscriber Network" is a project undertaken jointly by the Electrical Engineering Department, NUS, and the Telecommunication Authority of Singapore in an effort to research the Integrated Services Digital Network (ISDN). In an information based society, this Network will be an instrumental part of the communications infrastructure.

Dr. Lim Yong Ching

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- * "Development of VLSI Design Tools and Implementation Scheme" will involve Chartered Semiconductor Pte Ltd in the creation of a set of CAD tools that are required for the design of the VLSI.

Department of Pathology (National University Hospital)

Professor R. Sinniah

65-7724300

Fax:

65-7780671

- * "Imaging and Computerized Cell Analysis Systems in Pathology" is a collaboration between the Departments of Pathology and Electrical Engineering, NUS, and Silicon Graphics Pte Ltd. The objective of this research is to discover ways, through the development of imaging systems and automated quantitative analysis, to analyze human diseases such a cervical cancer and kidney disease.