Roadshow
IC Design Specialist Manpower Program (ICD SMP)

Jointly organized by
EDB/NUS/Industry Sponsors
ICD SMP Roadshow Programme

17:05 – 17:05  **Opening Address**  
Professor Yeo Swee Ping, Head, Dept of ECE, NUS

17:05 – 17:10  *“Why you should consider a career in IC design”*  
Mr Donald Chan, Senior Officer, Electronics (Semiconductor), EDB

17:10 – 17:15  *“Career opportunities in IC and system design”*  
Ms Meenu Sarin, MIDAS  
(Microelectronics IC Design & System Association, Singapore)

17:15 – 17:20  **Presentation by Solomon Systech Pte Ltd**

17:20 – 17:25  **Presentation by Panasonic Semiconductor Asia Pte Ltd**

17:25 – 17:30  **Presentation by MediaTek Singapore Pte Ltd**

17:30 – 17:35  **Presentation by Marvell Asia Pte Ltd**

17:35 – 17:40  **Presentation by Infineon Technologies Asia Pte Ltd**

17:40 – 17:45  **Presentation by Chartered Semiconductor Manufacturing Pte Ltd**

17:45 – 17:50  **Presentation by Broadcom Singapore Pte Ltd**

17:50 – 17:55  **Briefing on ICD SMP Curriculum and application procedure**  
Dr Xu Yong Ping, Associate Professor, Dept of ECE, NUS

17:55 – 18:05  **Questions & Answers**

18:05 onwards  **Interactions & refreshments**  
(Outside of LT6)
ICD SMP Curriculum

- **Mandatory modules**
  - EG1601 Industrial attachment program (24 weeks)
  - EE4001 B.Eng Dissertation (must be in IC design)
  - EE3407 Analog Electronics
  - EE3408 Integrated Analog Design
  - EE4410 Integrated Circuit & System Design
  - EE4415 Integrated Digital Design

- **Any TWO modules or more from the following list**
  - EE3101 Digital Signal Processing
  - EE3103 Communications
  - EE3208 Embedded Computer Systems Design
  - EE3304 Digital Control Systems
  - EE3501 Power Electronics
  - EE4102 Digital Communications
  - EE4104 Microwave circuits and devices
  - EE4110 MIC & MMIC Design
  - EE4112 High Frequency Techniques
  - EE4218 Embedded Hardware System Design
  - EE4412 Technology and Modelling of Silicon Transistors

- **Any other modules that are needed to fulfill B.Eng requirement**
Application procedure

- **Application due on 26 March 2007**
  - E-mail completed application form directly to the companies that you are interested in, to be considered for interviews.

- **Send your application summary to ECE Dept**
  - Collate the list of companies that you have applied to, together with your CV and send to Ms Cindy Chua at elechs@nus.edu.sg

- **Company interview**
  - Companies to interview applicants and notify the outcome by the end of April 2007.

- **3rd-year students**
  - You may apply if you can fulfill the ICD SMP curriculum requirement (Contact A/P Xu Yong Ping if you have any doubts). The Industrial Attachment requirement can be exempted.
Q & A
Thank you

Please Enjoy the refreshment outside