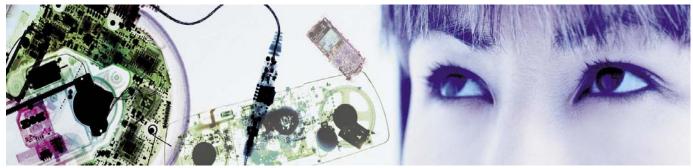# be in touch with science.

we provide the means. you the imagination.

Research Officers at Institute for Infocomm Research

Institute for Infocomm Research (I²R) is a research institute which performs R&D in information, communications and media (ICM) technologies to develop holistic solutions across the ICM value chain. I²R has produced many award winning technologies and many of these have been successfully commercialised. We have state-of-the-art facilities and extensive collaborative linkages with industry as well as top-tier universities and R&D organisations around the globe.

We aspire to become a world-renowned research institute, revered for its innovations and discoveries. If you have what it takes to make significant contributions to our vision, we welcome you to take up the challenge and join us as a Research Officer in one of the following areas:

1. Computing
• Security/Computer Systems
• Data Mining
• Service Oriented Architecture
• Distributed Systems/Database Systems
• Web Programming Skills
• Semantic Web Technology

2. Communications
• Baseband Design
• Embedded System Design
• Network Protocols Design
• Radio Frequency & Antenna Design

3. Media
• Computer Vision/Gesture & Facial Tracking/Video Surveillance & Monitoring
• Computer Graphics/Mixed Reality/3D Animation/Facial Modeling
• Speech Recognition/Text-to-Speech/Multilingual Text processing/Music Analysis & Sound Synthesis
• Image Processing/Pattern Recognition/Media Compression
• Signal Processing/Brain Computer Interfaces/Healthcare Monitoring
• DSP/Parallel Processing/Windows Mobile/Symbian OS programming

Requirements:
• Good Honours/Master's Degree in Computer Science/ Computer Engineering/ Electrical &
Electronic Engineering/Bioinformatics/ Applied Mathematics/ Physics or related disciplines
• Good programming skills in Matlab, C/C++/C#, Java are desirable
• Good communication skills and ability to work independently as well as in a multi-cultural team environment

Interested applicants please apply online in the career section of our website.
Look out for job ref no: **NUSSoC/YearBook/2007**

Institute for
Infocomm Research
A★STAR