

**Public Sector Funding (PSF) - Awarded Projects for Jan 2008 Call**

S/N	Project Title	Principal Investigator	Grantee
1	Spintronic Devices for Magnetic Immunoassay Applications	Lew Wen Siang (Asst/P)	NTU
2	Design & Realization of Surface Emitting Quantum Cascade Lasers with Beam Focusing Structure	Yu Siu Fung (A/P)	NTU
3	Large Area Powder Coating of STF Nano-Composite Film for Visible Light Photo-Catalysts and Anti-Bacterial Applications	Tan Ooi Kiang (Prof)	NTU
4	Visual Event Recognition in News Video	Xu Dong (Asst/P)	NTU
5	Development of New Synthetic Methodologies of Nitrogen-Containing Heterocycles	Chiba Shunsuke (Asst/P)	NTU
6	Advanced Metal Bonding through Self Assembled Monolayers	Wong Chee Cheong (A/P)	NTU
7	Optimization of Apatite Anion Sublattices in Solid Oxide Fuel Cell Electrolytes	White, Tim (A/P)	NTU
8	A Security Framework for EPCglobal Network	Li Yingjiu (Asst/P)	SMU
9	Simulation and Modeling of One-dimensional Nano-FETs	Liang Gengchiao (Asst/P)	NUS
10	Thermal Stress in Tropical Marine Ecosystems: Establishing the Baseline in the Face of Global Warming	Tan Koh Siang (Dr)	NUS
11	Multi-Manifold Diffeomorphic Metric Mapping and Brain Atlas Generation with Applications in Anatomical Shape Analysis	Qiu Anqi (Asst/P)	NUS
12	Multicolor Upconversion Tuning: From Multiplexed Labeling to Nanoscale Optical Device Applications	Liu Xiaogang (Asst/P)	NUS
13	Development of Easily-Visualized Microfluidic Immunoassays for Diagnostic Applications	Yang Kun-Lin (Asst/P)	NUS
14	Location-adaptive Peer-to-Peer Audio Streaming for Networked Virtual Environments	Zimmermann, Roger (A/P)	NUS
15	DiFA: A High Speed, Nano-scale Defect Inspection System Employing Distributed-Axis Electron Optics	Pickard, Daniel (Asst/P)	NUS