**專 題 演 講**

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題 目：Trend and Technology in Storage

摘要：

Since the invention of paper, storage is an indispensable part of our daily life and civilization.  Facebook promises to have your pictures stashed away forever for free and one carries a cell phone which acts like a faithful assistant with perfect memory.  People have insatiable requirements for storage – invisible but pervasive, cheap, fast, vast and secure, which drives advances in HW, architecture,  algorithm, system and even business models.  In this talk, I will cover various topics in the storage area by traversing system hierarchy from HW technology all the way up to data security.  The subjects include NVDIMM, HCI (Hyper-converged Infrastructure), SDS (Software Defined Storage), AFA (All Flash Array) server, IMDB (In-Memory Database) and EDP (Encryption Domain Processing).

簡歷:

Dr. Lee received his bachelor and doctoral degree from National Taiwan University and Univ. of Michigan respectively, both from the EECS department.  He spent most his career in industry, working on diversified area like Robotics, OCR, Control, IP Telephony and communication.  Currently, he is the director of the Data Center System Software Division of ICL in ITRI. His teams work on Storage (SDS, AFA and Cold Storage), Cloud OS (ITRI Openstack Distribution), HaaS (Hardware As A Service), VMI (Virtual Mobile Infrastructure), and Security (Virtualization Based Security, Software Security and Penetration Test Tools).