Hong Kong U-21 RFID Awards Innovative Young Talents' Projects & Industry Success Story Sharing Seminar

Twenty-eight students from the Division of Computer Studies attended a sharing seminar organized by GS1 Hong Kong and Polytechnic University on 10 February 2012. The purpose of this seminar is to share the latest news of **RFID technology development** and **industry success stories**. Students who attended this seminar come from: **Associate of Engineering** (AENG), **Associate of Science in Information Systems Development** (AScISD) and **Associate of Science in Network and System Administration** (AScNSA). This tour was led by Dr. Desmond Tsoi.

Student participants assembled at AC2 for the sharing seminar.

RFID stands for Radio Frequency Identification. It is a dedicated short range communication technology. RFID is typically used to describe various technologies that use radio waves to identify people, animals or objects. RFID technology is very much similar to bar code identification, except RFID does not rely on the line of sight reading that bar code needs to work. One of the most popular uses of such technology in Hong Kong is Octopus card System.

Welcome address given by Dr. Ip Wai Hung, Associate Professor of Department of Industry and Systems Engineering, The Hong Kong Polytechnic University.
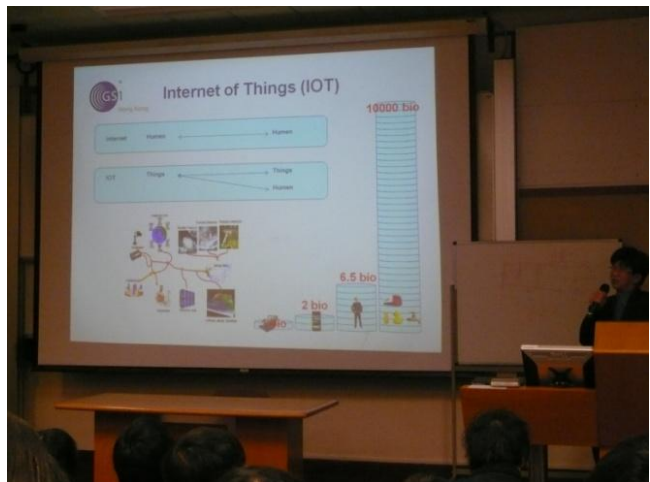
To promote the use of RFID technology, GS1 Hong Kong established **Hong Kong U-21 RFID Awards** in 2009 to bring recognition to creative young talents who were committed to developing new RFID applications for real-life problems.

The sharing seminar commenced by a welcome address given by Dr. Ip Wai Hung, Associate Professor of Department of Industry and Systems Engineering, The Hong Kong Polytechnic University. Dr. Ip encouraged tertiary students to unleash their creativity for meaningful applications development.

After this, the Chief Architect & Principal Consultant, Mr. K.K. Suen from GS1 HK, presented the technology update of RFID and the concepts of the **Internet of Things (IOT)**.

The most attractive part of this seminar is the experience sharing (1) Mr. Yeap Soon Kuen, Manager of Costuming Distribution, Hong Kong Disneyland Resort about their use of RFID on Costumagic. Mr. Yeap emphasized that RFID technology greatly reduces the queuing time of issuing costumes. In addition to this, another sharing is given by the U-21 RFID Gold Award Winner in Best EPC/RFID Concepts. This team came from HKU and they proposed to apply RFID technology on score-counting in Bun Scrambling Competition. Team members shared their experience with audience on how to come up with good ideas to solve new world problems.

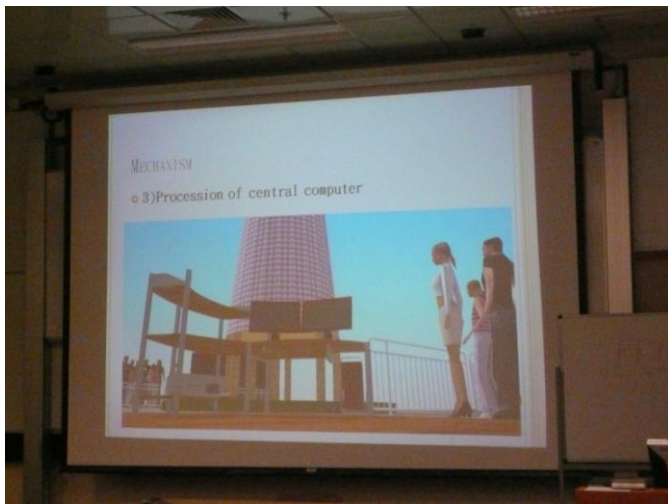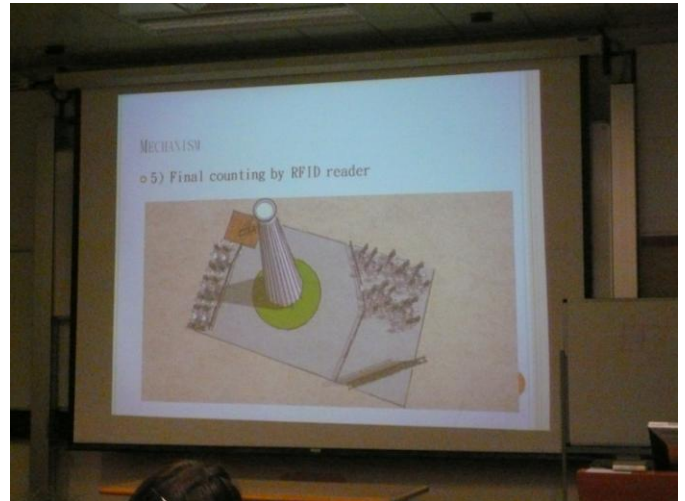*Presentation given by Chief Architect & Principal Consultant, Mr. K.K. Suen from GS1, HK*

Introducing Mr. Yeap Soon Kuen, the Manager of Costuming Distribution, Hong Kong for experience sharing.

RFID applied on Bun Scrambling Competition shared by the team from HKU.

The sharing seminar was concluded by GS1, presenting the U-21 RFID Awards Programs in 2012.

Our students expressed that the sharing seminar gives useful information to them and stimulated their interest on developing useful applications. Some of them are also interested in joining U-21 RFID Awards Programs this year.

3D models of Bun Scrambling Competition using RFID.

U-21 RFID Awards Programs in 2012.