

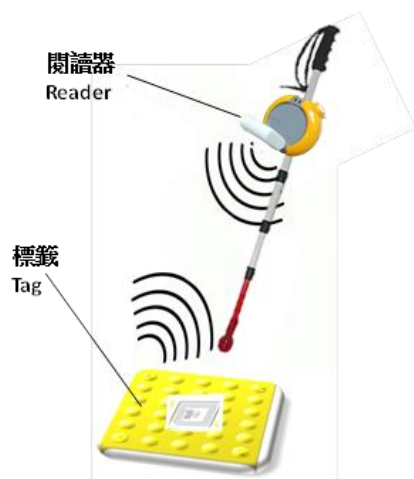
## Student Achievements

### Students shine in U-21 RFID Award Program

Students from the ISE Department demonstrated their high level of originality and creativity on applying EPC/RFID technologies. Under the guidance of Dr W.H. Ip, Associate Professor from the ISE Department, their team won the **Gold Award** in the category **Best EPC/RFID Concept in HK RFID U-21 Awards 2012**. Apart from this achievement, their team was nominated and once again emerged victorious in the HK-Taiwan EPC/RFID Academia Awards 2012.

After rigorous assessment, the team of six students—Chan Yuk Chin, Cheng Chin Tung, Hui Yuk Yi, Leung Yiu Man, Liu Lai Shan, and So Freedom—outshone their competitors from Hong Kong and Taiwan. Their brilliance and innovativeness garnered two awards, Most Innovative and Best Research, in the HK-Taiwan EPC / RFID Academia Awards 2012.

The team attempted to apply the EPC/RFID technologies to tackle the difficulties in all aspects for visually disabled people. RF-eye aimed at providing signs and barrier-free environment for visually impaired people through the integration of RFID and EPCglobal™. Components of the “RF-eye” include a tag, which is a reader installed on the blind cane, a processor, which is a smartphone, and a bluetooth earphone. Once a tag with geographical coordinates embedded under the guiding path is detected, the reader will be able to define the current position of the user through the smartphone application. It will then coordinate with EPCglobal™ network to extract relevant information. Finally, the analyzed information will be delivered to the application and announced to the user via the bluetooth earphone.



Components of RF-eye



From left: Dr W.H. Ip, Associate Professor of the ISE Department, Miss Hui Yuk-yi, Miss Liu Lai-shan, Miss Cheng Chin-tung, Miss So Freedom, Mr Chan Yuk-chin, and Mr Leung Yiu-man pose for a group photo.