

ITU-T Workshop

“New Horizons for Security Standardization”

CV

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Dr. Kyo-il Chung

Director
ETRI

Session: **3: Emerging Technical Issues**
Title of **Security issues in RFID and Sensor Network**
Presentation:

Dr. Chung, director of information security infrastructure research group has joined ETRI(Electronics and Telecommunication Research Institute) since 1982.

ETRI is a non-profit government-funded research organization that has been at the forefront of technological excellence for more than 25 years.

He is concerned in the information security technology field for the mobile environments, smart card system, electronic payment, ubiquitous computing and a variety of cryptographic technologies.

Especially, as the member of ITU-T SG17, he leads international standardization about the security framework in the telecommunication system. His contributions are registered as X.1121 and X.1122. As well, he was a professor of next generation security part in UST(University of Science and Technology, Korea), a chair of standardization committee (Korea Electronic Payment Forum) in KEPIC(Korea Electronic Payment Industries Association¹). Some year ago, he was registered in “International Who’s Who’ 2003 edition.

He has received the Prize of Technologies from KIISC(Korea Institute of Information Security & Cryptology), 2004.

As writings, he has many patents and research papers about the fast implementation on hardware system such as FPGA and IC cards. Also he has published some translated books related to RFID (Korean edition).

¹ Members of KEPIC are 100 industries in Korea and planning the “Silk Road Card” project for Pan-Asian IC card.