



工業技術研究院  
電腦與通訊工業研究所  
**Industrial Technology Research Institute**  
Computer & Communications Research Laboratories



【News Release】

## **First IEEE 802.16 Meeting in Taiwan Strengthens Taiwan's Role in International Standard Formulation**

Date : September 12, 2005

The first IEEE 802.16 wireless standard meeting to be held in Taiwan is taking place at the Grand Hotel, Taipei, from September 12 to 15, 2005. This IEEE802.16 interim session # 39 attracts more than 100 companies and organizations worldwide, totaling almost 300 participants. The Industrial Technology Research Institute (ITRI) championed the cause of bringing this event to Taiwan in an IEEE 802.16 plenary meeting last November with support from a corporate partner, CyberTAN Technology Inc.

To increase the impact of this IEEE 802.16 working group meeting to the whole island, ITRI and CyberTAN co-host the “2005 Taipei Broadband Wireless Access Technology Summit” in the morning of September 12 as a prelude to the IEEE 802.16 working Group meeting. This Summit presents talks by IEEE802.16 **vice chair, Ken Stanwood**, WiMAX Forum Certification working group chair, Edward Agis, and other working group chairs, and representatives of the world's leading WiMAX products manufacturers, to address WiMAX market, technology, and standard. The presence of VIPs, Ms. Ho Mei-Yueh, Minister of MOEA, and Dr. Ferng-Ching Lin, Minister of State, indicates the government's emphasis on the application and market of WiMAX technology.

The IEEE 802.16 working group aims to set up the standard for broadband wireless access technologies and to promote the Metropolitan Wide Area Network since 1999. Though European and American companies constitute a big part of the IEEE802.16 working group membership, Asian countries such as Taiwan,, Japan, Korea and China have recently shown enthusiasm to participate in the standard meetings actively. Taking advantage of being the host country, Taiwan participants in the IEEE 802.16 Session #39 have reached a record number--about one fourth of the total participation. Compared with the handful Taiwanese participants in the past IEEE 802.16 working group meetings, this unprecedented high participation has marked a success for the advocators of this event, ITRI and CyberTAN Technology. Together they inspire local companies to join international standards activities and thus help keep Taiwan wireless communication industry competitive in the world.

Dr. Bao-Shuh Paul Lin, Vice President of ITRI and General Director of Computer and Communications Research Laboratories (CCL) of ITRI, states that to strengthen Taiwan's role in the international standard formulation is a top priority for Taiwan's high-tech R&D sector. CCL of ITRI has endeavored to present an active role in the meetings; several technical proposals from CCL have been delivered in previous IEEE802.16 working group meetings since last year; in addition, two new proposals are to be presented in this Session #39.

CyberTAN president Eric Hwang says it was a great honor to co-host this meeting together with ITRI. The issues dealt with at meetings of international standards bodies such as IEEE 802.16 are of profound concern in planning and preparing for mid- and long-term development of the communications industries and enterprise in general in all the countries of the world, and we in Taiwan's industrial, governmental, and educational sectors should adopt a suitably broad view and become active participants. Taiwan, as a center of wireless networking equipment production, must make its voice heard and take a hand in the formulation of related technical standards. The finalization of WiMAX technology is sure to raise wireless communications applications to new heights, and for Taiwan manufacturers, with their long-established familiarity with network CPE (Customer Premises Equipment) products, the commercial opportunities are limitless. As for consumers, as WiMAX technology matures and proliferates, the combination of WLAN, WiMAX, and 3G technologies will bring a new era of effortless wireless network access.

Currently in Taiwan, intense efforts are under way to promote WLAN applications and services, including demonstrations of public WLAN applications, a WLAN/GSM dual-net project, and others. In the future, the use of wireless communications in digital home networks and mobile applications will bring limitless commercial opportunities. This country is already a center of WLAN equipment production; with the addition of broadband wireless network applications, the M-Taiwan project, and similar facilities and services, we clearly can achieve "a new wireless realm, a new broadband era." The M-Taiwan project, recently approved by the government, will see the investment of several billion New Taiwan Dollars in the promotion of mobile applications and deployment of broadband wireless networks; IEEE 802.16-based WiMAX technology will form a vital part of this project's core infrastructure.

Meanwhile, the other WiMAX technology promotion group, WiMAX Forum, also brings its first meeting to Taiwan from September 10-12. WiMAX Forum plays an important role in

advocating the IEEE802.16 standard and technology worldwide. With membership fast increasing from 40 to over 300 in the past months, WiMAX Forum has received worldwide attention from Europe, America to Asia. WiMAX Forum consists of seven working groups including Marketing, Application, Service Provider, Regulatory, Certification, Technical, and Network working groups. The Certification and Technical working groups are highly related to the IEEE 802.16 standard and thus their working group meeting is for the first time brought to Taiwan along with the IEEE 802.16 Session #39 in September. ITRI and the Taiwanese members of WiMAX Forum such as ADT Corp. and SGS Taiwan sponsor this WiMAX Forum working group meeting.

The supervisory committee of IEEE802.16 Session #39 covers a wide range of organizations including Science & Technology Advisory Group of Executive Yuan, National Science and Technology Program for Telecommunications, Industrial Development Bureau and Department of Industrial Technology of MOEA, Immigration Office --National Police Agency, Ministry of the Interior, Tourism Bureau, Ministry of Transportation and Communications.

The organizations and companies that sponsor the summit and IEEE802.16 Session #39 are the Committee of Communications Industry Development of MOEA, Promotion Office for Wireless Communications of DOIT of MOEA, Communications Industry Alliance, IEEE Taipei Section, WiMAX Industry Alliance, Chung-Shan Institute of Science and Technology, Institute for Information Industry, Chunghwa Telecom Laboratories, Taiwan SoC Consortium, MediaTek Inc, Realtek Semiconductor Corp., ASUSTek Computer Inc., Gemtek Technology Co. Ltd., Lite-On Technology Corp., ADT Corp., Alpha Networks Inc., VIA Networking Technologies, Inc., Nortel Networks; Rohde & Schwarz Taiwan Ltd.

**Contact:**

Ms. Michelle Chan  
PRs and International Collaborations Office  
Computer and Communications Research Laboratories  
Industrial Technology Research Institute

Telephone: 03-5914439

Mobile:0916-910092

Email: [michellechan@itri.org.tw](mailto:michellechan@itri.org.tw)

Ms. Candy Yu / Lynn Kuo  
CyberTAN Technology Inc.  
Telephone:03-577-7777#1118、1131  
Email:[candy.yu@cybertan.com.tw](mailto:candy.yu@cybertan.com.tw) ;  
[lynn.kuo@cybertan.com.tw](mailto:lynn.kuo@cybertan.com.tw)