

## ประวัติวิทยากร

### หัวข้อ "3G Technologies & 4G Roadmap"

ในวันพฤหัสบดีที่ 3 ธันวาคม 2552 เวลา 13.00 – 13.45 น.

ณ ห้องปฏิบัติการคอมพิวเตอร์ ชั้น 1 อาคารศูนย์กิจกรรมนิสิต

มหาวิทยาลัยเกษตรศาสตร์ วิทยาเขตบางเขน

#### ชื่อวิทยากร

ดร.พีรเดช ฌ น่าน

#### ประวัติการศึกษา

**Ph.D.** Electrical Engineering (Wireless communications), Keio University, Japan

ประเทศญี่ปุ่น (ทุนรัฐบาลญี่ปุ่น MONBUSHO scholarship)

**M.Eng.** Telecommunications, Asian Institute of Technology (AIT)

(ทุนการสื่อสารแห่งประเทศไทย)

**B.Eng.** Electrical Engineering, Chulalongkorn University

#### ตำแหน่งปัจจุบัน

**Assistant Vice President**

#### ประสบการณ์และ

**Guest Speaker**

#### ประวัติการทำงาน

- Mobile Banking, NTC

- Strategic Management in Telecommunications

- Nanotechnology

- CDMA and Wireless services for Marketer and Sales

- Vision on ICT, ICT Training Course for Laos

- Emerging in Nanotechnology, ICT Training Course for Laos

- Wireless Solutions and Services ICT Training Course for Laos

- Telecom Management, ICT Training Course for Laos

- Trends in Information and Communication Technologies," Training course on ICT for Cambodian officer

- Wireless Communications and CDMA Technologies, Training course on ICT for Cambodian officer

- Non-voice Wireless Applications: Technology Trends & Business Opportunity, COMMART, Sririkit Convention Center

- Emerging Technologies in Wireless Communications & Services, EGAT

- Trends in Wireless Technology & Service, Mobile Marketing 2004, June 24, 2004.

- Emerging Technologies: Wireless Communications

- CDMA Technology, ICT Training Course for Laos
- CDMA Workshop
- EDGE for Mobile Operator
- Management Course for Japanese firm in Thailand
- 3/4G Mobile Phone vs. WiMAX Seminar 2007
- Guest Speaker : IEE Mobility Conference 2006
- TV Interview Channel 11, UBC
- Radio Interview
- Telecom Trends, PEA, 2006

### **Guest Lecturer**

- Telecom Management: Master of Science in IT
- Innovation of Telecommunications Technology: Master of Science in IT
- Broadband Communications: Master of Science in Telecom Management
- e-Commerce & m-Commerce: Master of Management
- Multimedia Processing & Digital Communications: Master of Engineering

### **Other experience: Articles**

#### **Techno Trends (Weekly Column), Telecom Journal (2003 to Present)**

- "Japanese Wireless Society: Part 1 Mobile Operators in Japan (NTT DoCoMo, KDDI, Vodafone KK)," July 12, 2004.
- "Japanese Wireless Society: Part 2 Mobile Data in Japan (i-mode, EZweb, Vodafone Live)," July 19, 2004.
- "Japanese Wireless Society: Part 3 Number of Subscriber in each Technology (PDC, cdma, WCDMA)," July 26, 2004.
- "Japanese Wireless Society: Part 4 Average Revenue Per User (ARPU)," Aug. 2, 2004.
- "Japanese Wireless Society: Part 5 Churn Rate," Aug. 9, 2004.
- "Japanese Wireless Society: Part 6 Minutes of Usage (MoU)," Aug. 16, 2004.
- "Japanese Wireless Society: Part 7 Mobile Delivery and Trends," Aug. 23, 2004.
- "Japanese Wireless Society: Part 8 KDDI EZweb," Aug. 30, 2004.
- "Japanese Wireless Society: Part 9 KDDI EZchannel," Sept. 6, 2004.
- "Japanese Wireless Society: Part 10 KDDI EZ Movie," Sept. 13, 2004.
- "Japanese Wireless Society: Part 11 KDDI EZ NaviWalk," Sept. 20, 2004.
- "Japanese Wireless Society: Part 12 KDDI EZ Chaku Uta," Sept. 27, 2004.
- "Japanese Wireless Society: Part 13 KDDI BREW," Oct. 4, 2004.
- "Japanese Wireless Society: Part 14 cdma 1xEV-DO," Oct. 11, 2004.

- "Japanese Wireless Society: Part 15 Fuel Cell," Oct. 18, 2004.
- "Japanese Wireless Society: Part 16 KDDI Contents & Applications," Oct. 25, 2004.
- "Japanese Wireless Society: Part 17 KDDI International Roaming (IR)," Nov. 1, 2004.
- "Japanese Wireless Society: Part 18 Introduction to i-mode," Nov. 8, 2004.
- "Japanese Wireless Society: Part 19 Mobile Wallet," Nov. 15, 2004.
- "Japanese Wireless Society: Part 20 Felica," Nov. 22, 2004.
- "Japanese Wireless Society: Part 21 Video Phone," Nov. 29, 2004.
- "Japanese Wireless Society: Part 22 Charaden," Dec. 6, 2004.
- "Japanese Wireless Society: Part 23 i-mode (i-Menu)," Dec. 13, 2004.
- "Japanese Wireless Society: Part 24 i-mode (i-Mail)," Dec. 20, 2004.
- "Japanese Wireless Society: Part 25 2D Barcode," Dec. 27, 2004.
- "Japanese Wireless Society: Part 26 2D Barcode," Jan. 3, 2005.
- "Japanese Wireless Society: Part 27 Conceptual Design," Jan. 10, 2005.
- "Japanese Wireless Society: Part 28 Mobile Flash," Jan. 17, 2005.
- "Japanese Wireless Society: Part 29 Mobile Application for your Children," Jan. 24, 2005.
- "Japanese Wireless Society: Part 30 CDMA2000 1xEV-DO and QVGA," Jan. 31, 2005.
- "Japanese Wireless Society: Part 31 Sweet Terminal," Feb. 7, 2005.
- "Japanese Wireless Society: Part 32 CDMA2000 1xEV-DO Rev.A," Feb. 14, 2005.
- "Japanese Wireless Society: Part 33 Corporate Solution," Feb. 21, 2005.
- "Japanese Wireless Society: Part 34 Mobile Office," Feb. 28, 2005.
- "Japanese Wireless Society: Part 35 Mobile Location Based System," March 7, 2005.
- "Japanese Wireless Society: Part 36 Mobile Design Studio," March 14, 2005.
- "Japanese Wireless Society: Part 37 Mobile RFID Reader," March 21, 2005.
- "Japanese Wireless Society: Part 38 Bluetooth Solution," March 28, 2005.
- "Japanese Wireless Society: Part 39 Mobile Office," Feb. 28, 2005.
- "Japanese Wireless Society: Part 40 Mobile Leaflet," April 4, 2005.
- "Japanese Wireless Society: Part 41 Mobile Music," April 11, 2005.
- "Japanese Wireless Society: Part 42 Mobile Browser," April 18, 2005.
- "Japanese Wireless Society: Part 43 Love story Mobile Game," April 25, 2005.
- "Japanese Wireless Society: Part 44 Slide Phone," May 2, 2005.
- "Japanese Wireless Society: Part 45 CDMA2000 1xEV-DO & BREW," May 9, 2005.
- "Japanese Wireless Society: Part 46 Boost your ARPU with Mobile Data," May 16, 2005.
- "Japanese Wireless Society: Part 46 Attractive Mobile Contents and Applications," May 23, 2005.

- "Japanese Wireless Society: Part 48 m-Book," May 30, 2005.
- "Japanese Wireless Society: Part 49 Durable CDMA Terminal," June 6, 2005.
- "Japanese Wireless Society: Part 50 Mobile Application for Environment," June 13, 2005.
- "Japanese Wireless Society: Part 51 3G Applications: Mobile Music," June 19, 2005.
- "Japanese Wireless Society: Part 51-166" June 2005 to Present
- "Mobile Worm : Cabir," Telecom Journal, June 2004
- "Mobile Worm : Cabir," U-mobile, July 2004
- Techno Forum (Weekly Column), Telecom Journal
- "4G The Future of Wireless Communications: Part I Introduction," Dec. 29, 2003.
- "4G The Future of Wireless Communications: Part II Motivation and Promising Technologies," Jan 5, 2004.
- "4G The Future of Wireless Communications: Part III Research on 4G," Jan. 12, 2004.
- "4G The Future of Wireless Communications: Part IV MC-DS-SS and MC-SS," Jan 19, 2004.
- "4G The Future of Wireless Communications: Part V Time Division Duplex (TDD) for 4G," Jan 26, 2004.
- "4G The Future of Wireless Communications: Part VI TDD Limitation," Feb 2, 2004.
- "4G The Future of Wireless Communications: Part VII Fundamental of Software-Defined Radio (SDR)," Feb 9, 2004.
- "4G The Future of Wireless Communications: Part VIII Software-Defined Radio (SDR) and Their Experiments," Feb 16, 2004.
- "4G The Future of Wireless Communications: Part IX Multiple-Input Multiple-Output (MIMO) Concept," Feb 23, 2004.
- "4G The Future of Wireless Communications: Part X Multiple-Input Multiple-Output (MIMO) and Their Experiments," Mar. 1, 2004.
- "4G The Future of Wireless Communications: Part XI Fundamental of Adaptive Transmission," Mar. 8, 2004.
- "4G The Future of Wireless Communications: Part XII Adaptive Modulation and Coding (AMC)," Mar. 15, 2004.
- "4G The Future of Wireless Communications: Part XIII Introduction of Hybrid Automatic Repeat Request (HARQ) ," Mar. 22, 2004.
- "4G The Future of Wireless Communications: Part XIV Hybrid Automatic Repeat Request (HARQ)" Mar. 29, 2004.

- “4G The Future of Wireless Communications: Part XV Fundamental of Scheduling in Wireless Communications,” April 5, 04.
- “4G The Future of Wireless Communications: Part XVI Scheduling in Wireless Communications,” April 12, 04.
- “4G The Future of Wireless Communications: Part XVII Scheduling in Multi-Carrier Technology,” April 19, 04.
- “4G The Future of Wireless Communications: Part XVIII All-IP for Wireless Communications,” April 26, 04.
- “4G The Future of Wireless Communications: Part XIX Mobile IP,” May 3, 04.
- “4G The Future of Wireless Communications: Part XX All IP with related Mobile Standards,” May 10, 04.
- “4G The Future of Wireless Communications: Part XXI UMTS All-IP System,” May 24, 04.
- “4G The Future of Wireless Communications: Part XXII Key Technologies for 4G & 4G Prototype,” May 31, 04.
- “4G The Future of Wireless Communications: Part XXIII Conclusion of 4G Technology and C3 Model,” June 7, 04.