

# **IEEE Singapore – Communications Chapter**

**Report of 2008 Activities**

**Presented by**

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# Activities in 2008

- 1. Enabling Fault-Tolerant Quantum Computing: Recent Advances in Quantum Error Correction, Speaker: Tiffany Jing Li (Lehigh University), 9 Jan 08**
  - 2. Integrated Satellite and Terrestrial Networks , Speaker: Vincent Chan (MIT) 11 Jan 08**
  - 3. Design and Implementation of High Quality Voice/IP System, Speaker: Dhadesugoor R. Vaman (Prairie View A&M University), 14 January 08**
  - 4. Optical Communication Research in SJTU, Speaker: Hu Weisheng (Shanghai Jiaotong University), 22 February 08.**
  - 5. The Next generation CDMA Technology, Speaker: Chen Hsiao Hwa (National Cheng Kung University), 9 April 08.**
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- 6. The Marriage of Photonics and Communication Theory for 100 Gb/s Long-Haul and Ethernet Fiber-Optic Transmissions, Speaker: Alan Lau (Stanford University), 23 April 08.**
  - 7. The four MIMOS Myths and Realities, Speaker: Lajos Hanzo (University of Southampton), 14 May 08.**
  - 8. Wireless Communication Technologies on Medical Devices and Recommendations: Dr Kok Swang Tan (Health Canada ), 2 June 08**
  - 9. Network event detection with complexity and entropy measures, Speaker: Ulrich Speidel (The University of Auckland ), 4 July 08.**
  - 10. MAPEL: Achieving Global Optimality in Non Convex Power Control Problem, Speaker: Dr Angela Yingjun Zhang (The Chinese University of Hong Kong), 8 July 08**
  - 11. Frequency Offset Estimation in MIMO Channels, Speaker: Ajit Chaturvedi (IIT Kanpur) 10 July 08**
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# Planned Activities

- **The Eleventh IEEE International Conference on Communications Systems (ICCS 2008) , ICCS 2008, 19-21 November, Guangzhou, China**
  - **DLT talk by Roch Glitho in November/December 2008**
  - **DLT talk by Mehmet Ulema in January 2009**
  - **A social/networking event for members in 2009.**
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**Thank You!**

