



**Report on Distinguished Lecture Tours (DLT)**  
(Reported by IEEE APO - as at 3<sup>rd</sup> November 2008)

In 2008, Communications Society approved 5 Distinguished Lecture Tours for the Asia Pacific Region.

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**AP DLT #1: 27<sup>th</sup> May - 14<sup>th</sup> June 2008**  
Lecturer - Celia Desmond

Hosting Chapter	2008 Chapter Chair
Delhi ComSoc Chapter / Delhi Section	Ram Gopal Gupta
Bombay ComSoc Chapter	Ashok Jagatia
Bangalore ComSoc Chapter / Bangalore Section	Ravikiran A



The DLT covered Delhi, Bombay and Bangalore in India. The lecture entitled "Trends in the Telecommunications Industry" was delivered in the following locations:

1. Delhi  
30<sup>th</sup> May 2008, Friday: Morning - Asia Pacific Management Institute  
Afternoon - Delhi Business School
2. Bangalore  
6<sup>th</sup> June 2008, Friday - Morning: Wipro  
Afternoon: Texas Instruments  
7<sup>th</sup> June 2008, Saturday - University
3. Bombay  
10<sup>th</sup> June 2008, Tuesday - Morning - Reliance  
11<sup>th</sup> June 2008, Wednesday - Tata Consulting Services  
12<sup>th</sup> June 2008, Thursday - Pune IIIT

**Summary of Celia Desmond Report:**

New Delhi: On May 30, Friday, I gave a talk in the morning at Asia Pacific Management Institute. The talk was well received and people engaged in some lively discussion. That afternoon we also visited Delhi Business School, and I gave the talk to people there. They were mainly students, who presented very good questions, again triggering some debate, which was interesting.



Bangaluru: The second stop was in Bangalore, now officially called Bangaluru. This city is more like the business city, while Delhi is the government city. June 6, Friday, there were initially 3 talks scheduled, two on IEEE and one DL talk. We went first to Wipro. They brought about 45 people to hear the DL talk, in 5 locations. We broadcast to their other 4 locations, but did not take questions from them.

Then we had a 2 hour drive through the traffic to try to get to Texas Instruments on time. They also had in the order of 40 attendees for the talk - both IEEE and the DL - again in a few locations, connected via WebEx.



Initially we had also planned to go to Samsung, but they had to cancel at the last minute.

June 7, Saturday, meeting and lecture was fruitful with many new ideas. They were supportive of the WCET certification initiative. One impressive thing about this Section is that every year they try to hold something for disabled people or to help Society. They held a seminar last year for the blind and next they will have one for physically challenged people. Congratulations to them!

Mumbai: June 10, Tuesday we visited two companies to give the talk. Both are huge telcos in Mumbai and both are very active in wireless. In the morning we went to Reliance, about 45 people attended the talk, and they had good comments afterwards.

Later we went on to a building provided by MTNL, the original government telco in Mumbai. Here the talk was open to IEEE and IETE (The Indian association) members. Again we had a good meeting and discussion.

June 11, Wednesday, we visited Tata Consulting Services to give the talk, and again meet many of their management. The particular location is a Nortel lab, and the people who attended the talk were again very knowledgeable communications engineers and managers.

June 12, Thursday, in Pune we visited IIIT, an institute that has MBA and telecom management programs. They hope to become accredited as a university within the next two weeks.



**AP DLT #2: 9<sup>th</sup> - 23<sup>rd</sup> May 2008**  
 Lecturer - Lajos Hanzo

Hosting Chapter	2008 Chapter Chair
Singapore ComSoc Chapter	Cheng Tee Hiang
Chengdu Section	Yangrong Li / Pingzhi Fan
Beijing ComSoc Chapter	Yangcheng Yang



The DLT covered Singapore and Beijing. Chengdu DLT had to be cancelled due to unforeseen circumstances. The lecture entitled "The Four MIMO's - Myths and Realities" was delivered in Singapore and "Adaptive modulation and coding for HSDPA-style cross-layer-optimized MIMO-aided intelligent networking" was delivered in Beijing.

**1. Singapore: 14<sup>th</sup> May 2008, Wednesday- National University of Singapore**

There were over 20 participants / audiences with a good mix of students, university lecturers, professional and researchers. The feedback survey from the hosting Chapter was that the presentation was excellent.

**2. Chengdu: 15<sup>th</sup> May 2008, Thursday- UESTC  
 16<sup>th</sup> May 2008, Friday- SWJTU**

The lectures in Chengdu were cancelled, since both the airport and Universities were closed.

**3. Beijing: 23<sup>rd</sup> May 2008, Friday - Tsinghua University**

There were over 20 participants / audiences with a good mix of students, university lecturers, professional and researchers. The feedback survey from the hosting Chapter was that the presentation was excellent.

**Summary of Lajos Hanzo Report:**

The tour was given at zero cost to ComSoc and was inter-woven with my participation in the IEEE VTC 2008 Spring conference in Singapore and the ICC conference in Beijing. I gave 19 regular conference papers at these events, participated in the Governors' Board meeting, chaired a panel session at both conferences and gave a half-day tutorial in Beijing.

Singapore: The ComSoc Lecture took place at NUS in Singapore and probably on the order of 30 people attended, with some from industry, such as Xilinx, I2R and a good cohort of academics as well as students also from NTU.

The evening was rounded off by a generous dinner, which gave further opportunities for the exchange of both educational and research-related cross-cultural experiences.

Chengdu: Having communicated with the hosting chapter in Chengdu, in the aftermath of the earth-quake, unfortunately my trip to Chengdu was cancelled, since both the airport and Universities were closed.

Beijing: To make up for the cancelled lecture, I accepted an additional invitation in Beijing to lecture at Tsinghua University. In the morning I lectured at Beihang and in the afternoon at Tsinghua U. Both lectures were attended by more than 50 people, including some visiting Professors. The lecture at Beihang also had attendees from Motorola.



**AP DLT #3: 29<sup>th</sup> May - 4<sup>th</sup> June 2008**

Lecturer - Khaled Ben Letaief

Hosting Chapter	2008 Chapter Chair
Vietnam Section	Son Thanh Nguyen
Thailand Section Vice Chair	Ekachai Leelarasmee
Thailand ComSoc Chapter	Sripimanwat Keattisak



The DLT covered Vietnam and Thailand. The lecture entitled "Ubiquitous Communications: The Next Wireless Frontier" was delivered in the following locations:

1. Thailand, Bangkok: 29<sup>th</sup> May 2008, Thursday - Chulalongkorn University (CU)  
30<sup>th</sup> May 2008. Friday - National Telecommunication Commission (NTC)
2. Vietnam, HoiAn: 4<sup>th</sup> June 2008, Wednesday - the 2<sup>nd</sup> International Conference on Communications and Electronics (HUT-ICCE) 2008

The tour was given at zero cost to ComSoc and was inter-woven with Dr. Letaief participation in the 2<sup>nd</sup> International Conference on Communications and Electronics (HUT-ICCE) 2008 conference in HoiAn, Vietnam, and IEEE TA-MGA Executive Visit to Thailand and Vietnam.

**AP DLT #4: 1<sup>st</sup> - 13<sup>th</sup> August 2008**

Lecturer - Norman C Beaulieu

Hosting Chapter	2008 Chapter Chair
South Australia	Kutluyil Dogancay
North Queensland ComSoc Chapter	Mohan Jacob
Queensland ComSoc Chapter	Garry A Einicke
New South Wales ComSoc Chapter	Iain Collings



The DLT covered South Australia, North Queensland, Queensland and New South Wales in Australia. The lecture entitled "Trends in the Telecommunications Industry" was delivered in the following locations:

**1. South Australia, Adelaide: 4<sup>th</sup> August 2008, Monday - University of Adelaide**

There were about 16 to 20 audiences from both academia and industry. There were a good mix of students, university lecturers, professional and researchers. The feedback survey from the hosting Chapter was that the DLT presentation went very well and that the topic was very relevant to the audience.

**2. North Queensland, Townsville: 6<sup>th</sup> August 2008, Wednesday - James Cook University**

Audience Size

- i. More than 20 from academia
- ii. Less than 5 from industry

There were a good mix of students, university lecturers, professional and researchers. The feedback survey from the hosting Chapter was excellent.

**3. Queensland, Brisbane: 8<sup>th</sup> August 2008, Friday - Queensland Centre for Advanced Technologies**

There were more than 20 participants from the industry. The feedback survey from the hosting Chapter was excellent.

**4. New South Wales: Sydney - Morning: 11<sup>th</sup> August 2008, Monday - CSIRO ICT Centre**

Sydney - Afternoon: 11<sup>th</sup> August 2008, Monday - UNSW

Newcastle - 12<sup>th</sup> August 2008, Tuesday - University of Newcastle

Audience Size

- iii. More than 20 from academia
- iv. Less than 5 from industry

The feedback survey from the hosting Chapter was excellent.

**AP DLT #5: Scheduled Plan: 19<sup>th</sup> - 30<sup>th</sup> November 2008**

Lecturer - Andy Molisch

Hosting Chapter	2008 Chapter / Section Chair
Vietnam Section	Ta Cao Minh
Singapore ComSoc Chapter	Cheng Tee Hiang
Thailand ComSoc Chapter	Sripimanwat Keattisak



- Possible Topics:
1. Cross-layer optimization of wireless collaborative ad-hoc networks
  2. UWB for Sensor Networks - Standards and Open Research Challenges
  3. Antenna selection and RF preprocessing for MIMO systems
  4. MIMO antennas, propagation channels, and their impact on system design

This DLT will cover Vietnam, Singapore and Thailand

1. Vietnam, Ho Chi Minh: 21<sup>st</sup> or 22<sup>nd</sup> November 2008
2. Singapore: 25<sup>th</sup> November 2008, Tuesday
3. Thailand, Bangkok: 27<sup>th</sup> November 2008, Thursday

**AP DLT #6: Scheduled Plan: December 2008**

Lecturer - Tho Le-Ngoc

Hosting Chapter	2008 Chapter / Section Chair
Tainan ComSoc Chapter	Laih Chi-Sung
Taipei ComSoc Chapter	Lee Ta-Sung
Thailand ComSoc Chapter	Sripimanwat Keattisak



- Possible Topics:
1. Adaptive Transmission & Resource Allocation techniques for Broadband Communications
  2. Multimedia Satellite Communications
  3. Advances in Broadband Access Communications
  4. Resource Allocation in Broadband xDSL Access Communications

This DLT will cover Taiwan (Tainan, Taipei) and Thailand (Bangkok).

1. Tainan, Taiwan: 12<sup>th</sup> December 2008, Friday
2. Taipei, Taiwan: 15<sup>th</sup> December 2008, Monday
3. Bangkok, Thailand: 17<sup>th</sup> December 2008, Wednesday

Currently, for 2009, Communications Society has approved 2 Distinguished Lecture Tours for the Asia Pacific Region.

**AP DLT #1: Scheduled Plan 2<sup>nd</sup> January - 11<sup>th</sup> January 2009**

Lecturer - Mehmet Ulema

Hosting Chapter	2008 Chapter Chair
Singapore ComSoc Chapter	Cheng Tee Hiang
Indonesia ComSoc Chapter	Muhammad Ary Murti
Macau ComSoc Chapter	Rui Martins



This DLT will cover Singapore, Indonesia and Macau.

The lecture entitled "An Overview to Network Management" will be delivered.

1. Singapore: 5<sup>th</sup> January 2009, Monday
2. Indonesia, Jakarta: 7<sup>th</sup> January 2009, Wednesday
3. Macau: 9<sup>th</sup> January 2009, Friday

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**AP DLT #2: Scheduled Plan 15<sup>th</sup> February - 20<sup>th</sup> February 2009**

Lecturer - Abbas Jamalipour

Hosting Chapter	2008 Chapter Chair
Singapore ComSoc Chapter	Cheng Tee Hiang
Malaysia ComSoc Chapter	Borhanuddin Mohd Ali
Thailand ComSoc Chapter	Keattisak Sripimanwat



- Possible Topics:
1. Broadband Wireless IP
  2. Intermittently Connected Mobile Ad Hoc Networks
  3. Routing Techniques in Wireless Sensor Networks

This DLT will cover Singapore, Malaysia and Thailand.

1. Singapore: 16<sup>th</sup> February 2009, Monday
2. Malaysia, Kuala Lumpur: 18<sup>th</sup> February 2009, Wednesday
3. Thailand, Bangkok: 20<sup>th</sup> February 2009, Friday