**Report on Distinguished Lecturer Tour (DLT)**
(Reported by IEEE APO - as at 7<sup>th</sup> April 2008)

In 2007, Communications Society approved 6 Distinguished Lecture Tours for the Asia Pacific Region, and pilot 1 technical presentation using the IEEE Internet Conferencing Service.

**AP DLT #1: 6<sup>th</sup> – 17<sup>th</sup> January 2007**
Lecturer – Roch Glitho

| Hosting Organization | Contact Person |
|---|---|
| Indonesia ComSoc Chapter | Muhammad Ary Murti, Chapter Chair |
| Trisakti University & Pelita Harapan University – Jakarta | Endang Djuana & John Batubara |
| STTTelkom – Bandung | Muhammad Ary Murti |
| Surabaya Institute of Technology | Daniel Siahaan |
| UNIBRAW - Malang | Muhammad Ary Murti, Chapter Chair |

The DLT to Indonesia covered Jakarta, Bandung, Surabaya and Malang. The Lecture entitled "Architectures for End-User Services in Next Generation Networks" were given in the following locations:

1. **Bandung, Research Centre, 9<sup>th</sup> January 2007,**
   o Total number of Audience: 23

2. **Jakarta, Trisakti University, 8<sup>th</sup> January 2007**;
   o Total number of Audience: approximately 100

3. **Bandung, STTTelkom, 10<sup>th</sup> January 2007**;
   o Total number of Audience: 118
     - Number of Students = 77
     - Number of University Lecturers = 34
     - Number of Industry / Professional = 4
     - Number of Researchers = 3

4. **Surabaya, Surabaya Institute of Technology, 12<sup>th</sup> January 2007,**
   o Total number of Audience: 58
     - Number of Students = 42
     - Number of University Lecturers = 13
     - Number of Industry / Professional = 2

An interactive and energetic talk was conducted by Prof. Roch Glitho. Excellent feedback was received from both academic and industrial participants who were motivated by his lectures.

---

AP DLT #2:  4th – 17th March2007
Lecturer – Nirwan Ansari

| Hosting Chapter | 2007 Chapter Chair |
|---|---|
| Japan Council ComSoc Chapter | Kenichi Mase |
| Macau ComSoc Chapter | Rui Martins |
| Hong Kong ComSoc Chapter | Peter Tam |

The DLT covered Japan, Hong Kong and Macau.  This DLT attracted many participants from both academia and industry in all 3 countries.

1. **Hong Kong – 6th March 2007**

2. **Macau – 9th March 2007**

   The IEEE Distinguished Lecture entitled "On Tracing and Mitigating Distributed Denial of Service Attacks" was held at the University of Macau on 9th March 2007.  This was the 2nd ComSoc DLT hosted by Macau. The distinguished speaker, Professor Nirwan Ansari, from New Jersey Institute of Technology of USA, had conducted a 90 minutes Lecture followed by 20 minutes of Q&A Session.  Around 25 participants including postgraduate students and engineers participated in this lecture. Participants had an interactive session with Professor Nirwan Ansari.

   Before the lecture, Professor Nirwan Ansari was welcomed by Professor Rui Martins who is Vice Rector of University of Macau, and also Chair of IEEE Macau Joint-Chapter CAS/COM.  During his stay at University of Macau, Professor Ken Tam, Mr. Vincent Wong and Mr. Welsy Choi took Professor Ansari on a guided tour to several research laboratories at the University; namely, the Wireless Communication Laboratory, Analog and Mixed-Signal VLSI Laboratory, Distributed Systems Laboratory and also the Computing and Networking facilities of the University.



Photo #1                                                Photo #2

#1: IEEE Distinguished Lecture given by Prof. Nirwan Ansari

#2: Professor Rui Martins delivered souvenir to Professor Nirwan Ansari

Photo #3          Nirwan's photo taking with Ken (right) and Welsy (left) after the lecture

3. **Japan – 16<sup>th</sup> March 2007**

   There were 14 participants in Prof. Ansari's lecture: eight came from universities including a few professors, and six came from industries.  Attendance was affected by an unfortunate railroad accident in Tokyo. Although the number of attendees was not so large, those who attended had a strong interest in the topic (tracing and mitigating DDoS attacks).  The lecture by Prof. Ansari was very informative, and the small audience size allowed for greater interactions and discussions.

---

**AP DLT #3:  12<sup>th</sup> – 21<sup>st</sup> November 2007**
**Lecturer – Vijay Bhargava**

| Hosting Chapter | 2007 Chapter Chair |
| --- | --- |
| Tainan ComSoc Chapter | Kuei-Chiang Lai |
| Taipei ComSoc Chapter | Po-Ning Chen |
| Hong Kong ComSoc Chapter | Jerome Liu |

The DLT covered Tainan, Taipei and Hong Kong. The lecture entitled "Research Challenges in Cognitive Radio Networks" was delivered in the following locations:

1. **Tainan, 13<sup>th</sup> November 2007,**
2. **Taipei – National Taiwan University, 14<sup>th</sup> November 2007,**
3. **Hsinchu – National Chiao-Tung University, 15<sup>th</sup> November 2007, and**

   **Report from Po-Ning Chen, 2006/2007 Chair of the IEEE ComSoc Taipei Chapter**

   Due to the requests from many local members, Taipei and Tainan ComSoc Chapter Chairs, together with IEEE IT- Soc Taipei Chapter Chair and Director of the Communication Research Center at NTU, jointly initiated a DLT for Professor Vijay Bhargava of University of British Columbia (Canada).

   This request was graciously approved by IEEE ComSoc - Director of the Membership Programs Development, Dr. Shri Goyal; AP ComSoc Director, Prof. Daehyoung Hong; and AP ComSoc Chapters

Coordination Committee Chair, Prof. Abbas Jamalipour.  Ms. Carole Swaim (The ComSoc Senior Administrator), Ms. Fanny Su (Manager, IEEE APO) and Ms. Serena Dhing (Project / Administrative Executive, IEEE APO) have kindly helped us to co-ordinate this DLT.

Many local universities were enthusiastic to hosting him.  Among these were Prof. Chung-Ju Chang (Director of the Nanoelectronics and Infotronic Systems Research Center, NCTU), Prof. Jason Yi-Bing Lin (Dean of the College of Computer Science, NCTU), and Prof. Ching-Fu Chang (President of NCNU).  Unfortunately, due Prof. Bhargava's tight schedule he was not able to meet all of them.  Therefore in order to benefit more members around the island, three lectures were arranged to be held - Tainan, Taipei, and Hsinchu.

The Tainan lecture was hosted by Prof. Kuei-Chiang Lai, IEEE ComSoc Tainan Chapter Chair, Prof. Jhy-Horng Wen Past IEEE ComSoc Tainan Chapter Chair, Prof. Szu-Lin Su (NCKU) and Prof. Chih-Pen Li (NSYSU).  Through the masterful and intriguing guidance of Prof. Bhargava, the members in southern Taiwan now have a better understanding of the promising research area of cognitive radio.

The Taipei Lecture was hosted in person by the IEEE Taipei Section Chair, Prof. Ruey-Beei Wu, and other staff of NTU, including Prof. Char-Dir Chung.

The last lecture was held in Hsinchu, which was hosted by Prof. Chung-Ju Chang (Director of the Nanoelectronics and Infotronic Systems Research Center, NCTU), Prof. Jason Yi-Bing Lin (Dean of the College of Computer Science, NCTU), and other NCTU faculty members including Prof. Yu-Ted Su, Prof. Stefan Moser and Prof. Chung-Hsuan Wang.  Most of the professors in NCTU and NTHU in this research area have attended the lecture, with attendance at around 150.

4. **Hong Kong – City University of Hong Kong, 21st November 2007.**

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

---

AP DLT #4:  Scheduled Plan 3rd – 17th December 2007
Lecturer – Celia Desmond

| Hosting Chapter | 2007 Chapter Chair |
|---|---|
| Lahore ComSoc Chapter | Tariq M Jadoon |
| Islamabad Section | Saleem Tariq |
| Delhi ComSoc Chapter / Delhi Section | Ram Gopal Gupta |

Due to unforeseen circumstances, this DLT was cancelled.  The DLT entitled "Trends in the Telecommunications Industry" was scheduled to cover Lahore, Islamabad and Delhi.

1. **Lahore, 6th December 2007 – National University of Computer & Emerging Sciences**
2. **Lahore, 7th December 2007 – Lahore University of Management Sciences**
3. **Lahore, 8th December 2007 – University of Engineering & Technology**
4. **Islamabad, 10th December 2007 – Muhammad Ali Jinnah university**
5. **Islamabad, 11th December 2007 – University of Engineering & Technology, Peshawar**
6. **Islamabad, 12th December 2007 – NUST Institute of Information Technology, Rawalpindi**
7. **Delhi, 14th December 2007**

## AP DLT #5: 18<sup>th</sup> – 23<sup>rd</sup> December 2007
### Lecturer – Anthony Ephremides

| Hosting Chapter | 2007 Chapter Chair |
|---|---|
| Indonesia ComSoc Chapter, Jakarta | Muhammad Ary Murti |
| Calcutta ComSoc Chapter. India | Debashis Saha |
| Malaysia ComSoc Chapter, Kuala Lumpur | Borhanuddin Bin Mohd Ali |

The DLT covered Jakarta, Calcutta and Kuala Lumpur. The lecture entitled "Crossing the Layers in Wireless Network Studies" was delivered in the following locations:

1. **Calcutta, 18<sup>th</sup> December 2007,**
   - o Audience Size
     - More than 20 from academia
     - Between 16 to 20 from industry
   - o There were more participants from academia as the topic suited them better
   - o Calcutta ComSoc Chapter has promoted IEEE ComSoc Membership during this event and has recruited some new members during this lecture

2. **Kuala Lumpur, 21<sup>st</sup> December 2007;**

3. **Jakarta, 22<sup>nd</sup> December 2007;**
   - o Audience Size
     - More than 20 from academia
     - Less than 5 from industry
   - o There were more participants from academia as the topic suited them better

---

## AP DLT #6: 12<sup>th</sup> December 2007 – 14<sup>th</sup> January 2008
### Lecturer – Bhumip Khasnabish

| Hosting Chapter | 2007 Chapter Chair |
|---|---|
| Madras ComSoc Chapter | Sivan Ramachandran |
| Bangalore Section | Ramakrishna Kappagantu (Section Vice Chair) |
| Calcutta ComSoc Chapter | Debashis Saha |

The DLT covered Madras, Bangalore and Calcutta, in India. The lecture entitled "Converged Services and NGN: Implementation and Implications"" was delivered in the following locations:

1. **Madras, 14<sup>th</sup> December 2007,**

Report from IEEE Madras ComSoc Chapter

An IEEE Distinguished Lecture Program was organized on 14th December 2007 at Hotel Sangeetha Residency Mylapore, by IEEE Communications Society Madras Chapter in association with IEEE Madras Section, IEEE Computer Society Madras Chapter and Computer Society of India Chennai Chapter. The speaker was Dr. Bhumip Khasnabish, Distinguished Member of Technical Staff at Verizon Laboratories, Waltham, assachusets, USA.

The topic of the presentation was "Convergence Services and Next Generation Networks – Implementation and Implications". Dr. Bhumip presented a complete overview of the infrastructure required for implementing Voice Over IP, detailing the different standard organizations and their architecture, including Verizon's approach for implementing VoIP services. He also presented another disruptive technology, IPTV, explaining the various approaches taken by standards bodies, and presented an interesting "0-1-2-3" user-experience requirements that are required to be satisfied to make these technologies a success. He finally presented a comprehensive list of issues in implementation of these technologies and the possible solutions, which aim to address these challenges.

The presentation was extremely well structured by dividing it into three sections and encouraging question and answer sessions after each section. The event was well attended by around 60 IEEE and CSI members. Attendees enthusiastically participated in the Q&A sessions and appreciated the usefulness of the information provided in the lecture. Dr. Bhumip also provided a detailed list of website links at the end of the lecture. The entire lecture was video- recorded and will be later made available on the IEEE COMSOC website for the benefit of the members.

Earlier, Mr. Sivan, Chair of the IEEE Communications Society Madras Chapter welcomed the gathering and introduced the speaker. Mr. H.R. Mohan, Chair of the IEEE Computer Society Madras Chapter, presented mementos to the speaker on behalf of IEEE and CSI. Mr. Ramasamy, Secretary of Computer Society of

India Chennai chapter gave the vote of thanks. The meeting was followed by dinner which provided an opportunity for members to interact with each other and the speaker in an informal way.

2. Bangalore, 19th December 2007;

3. Calcutta, 5th January 2008;

Report from Debashis Saha, IEEE Calcutta ComSoc Chapter Chair

IEEE Communications Society Calcutta Chapter organized a DLT-2008 on 05th January 2008 in collaboration with Tata Consultancy Services at Tata Consultancy Services, Kolkata from 10am to 4 pm. The program was a tutorial on Converged Services and NGN: Implementations and Implications. The speaker was Dr. Bhumip Khasnabish from Verizon Laboratories, Waltham, USA. He is a Distinguished Member of Technical Staff, IEEE.

The program was a big success with participants consisting of:
- 40 from Tata Consultancy Services,
- 2 from IBM,
- 1 from Bose Telecom,
- 2 from BSNL,

- 2 from Rebaca Technologies,
- 2 from PWC,
- 4 from Wipro Technologies,
- 4 from Indian Institute of Management Calcutta,
- 62 from Jadavpur University,
- 1 from NSEC,
- 1 from IIT-KGP,
- 1 from Heritage Institute of Technology,
- 1 from Pune University,
- 1 from Dhaka University,
- 5 from Bhirbhum Institute of technology and
- 2 from  Brudwan University.

The program was very interactive and the participants asked queries on the present and upcoming industry standards and hurdles in implementing them.