



Asia Pacific Region

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I. Hot Topics

1.1 *Message from AP Director, Zhisheng Niu*

The first quarter of 2009, due to the worldwide financial crisis and other factors, our membership front was 10% below our membership numbers from the same time last year. Although in April we have picked up the pace and are now only about 4% below 2008 membership levels, there is still a long way for us to go to retain and increase the membership, in particular members from industry. Therefore, I would like to set the theme of this message as "Membership Development" to expect more actions from our chapters and members to develop new members as many as possible.

No doubt, chapters will be the core for the membership development. Thanks to the efforts of many volunteers, 4 new chapters (Xian, Vietnam, and Shenzhen, and Gujarat) were formed in 2008 and 2009 which leads the total number of chapters in our region to 36. Among them, the Shenzhen chapter is the latest and also the most unique one. This is not only the chapter located in the most economically developed city in China but also the chapter with strong industry support. As one of the leading telecommunication manufacturers worldwide, Huawei has been very active in the formation and promotion of the Chapter and they have the support from the very top of the organization.



Inauguration and the managing team of ComSoc Shenzhen Chapter (May 26, 2009)

Distinguished Lecture Tour (DLT) is another efficient platform for the membership development. In the year of 2009, 5 DLTs have been approved and 3 more are in progress of planning and approval, which covers Singapore, Indonesia, Malaysia, Thailand, Macau, Tokyo, Tainan, Australia, New Zealand, Shanghai, Beijing, and India. Through the DLTs, ComSoc can provide its on-site technical services to our members, while on the other hand our local members as well as potential candidates can touch the latest technical information

directly. I do hope our local chapters can make full use of this platform to develop more members from your region. Also, all chapters are required to appoint membership development officers for their chapter in order to get the chapter funding. For detailed information, please refer to as the corresponding part of this edition.

As a technical community, ComSoc should also maintain the highest standard professionalism and technical competency, in particular for young researchers. For this purpose, we have decided to award the outstanding young researchers who have been very active in ComSoc publication and conference activities every year. This year, a record number of 34 high-quality submissions have been received and, after careful reviews by the award committee led by Prof. Qian Zhang, six awardees have been selected (please refer to as the corresponding part of this edition for details). By taking this opportunity, I would like to extend my warm congratulations to the awardees and sincere appreciations to all the review committee members.

Finally, I would like to express my sincere thanks to all the APB volunteers who have made the above-mentioned achievement happen and look forward to receiving your even stronger supports in the remaining months.

Best wishes,

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1.2 *Announcement of final winners of 2009 IEEE Young Researcher Award*

Awardees for 2009 IEEE Young Researcher Award

IEEE ComSoc Asia-Pacific Young Researcher: Tarik Taleb (Japan)

Outstanding Young Researchers: Sangheon PACK (Korean), Wei ZHANG (Australia),
Xinbing WANG (China), Meixia TAO (China),
Jianwei HUNAG (Hong Kong)

“IEEE ComSoc Asia-Pacific Young Researcher Award” and “Outstanding Young Researcher Award” are sponsored by IEEE ComSoc Asia Pacific Board (APB). This award honors researchers who have been very active in ComSoc publication and conference activities over the last 2 years. This year, we have received a record-breaking 34 high-quality submissions from many countries. A award selection committee has been formed as follows and reviewed all the applications very carefully during the past three months and finally selected six awardees as above.

Young Researcher Award ceremony will be held at the APB meeting in ICC 2009, Dresden, Germany.

1.3 *Report from Distinguished Lecture Tour(DLT)*

Report on Distinguished Lecture Tours (DLT)
(Reported by IEEE APO - as at 13rd May 2009)

In the last quarter of 2008, 2 Distinguished Lecture Tours for Asia Pacific Region which had been approved by Communication Society were completed. The Asia Pacific Region hosted a total of 6 ComSoc DLTs in 2008.

Since last reported, following are the completed DLTs and approved ComSoc DLTs for the Asia Pacific Region.

AP DLT #5: 19th - 30th November 2008

Lecturer: Andy Molisch

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



This DLT was scheduled to cover Vietnam, Singapore and Thailand.

1. **Vietnam: 21st November 2008 (Friday) - Ho Chi Minh**
Venue: The University of Technology of Ho Chi Minh City
Topic: "Cross-layer optimization of wireless collaborative ad-hoc networks"
2. **Singapore: 25th November 2008 (Tuesday)**
Venue: Nanyang Technological University
Topic: "UWB for sensor networks - Standards and Open Research Challenges"
3. **Thailand: 27th November 2008 (Thursday) - Bangkok**
Venue: National Electronics and Computer Technology Center (NECTEC)
Topic: MIMO antennas, propagation channels and their impact on system design"

This DLT was cut short unfortunately due to the closure of airports in Bangkok. On advice of the local Thailand host, the lecture in Bangkok was cancelled. Nevertheless, Andy Molisch enjoyed his ComSoc DLT experience and expressed his interest to return in the future.

AP DLT #6 : 10th - 18th December 2008

Lecturer: Tho Le-Ngoc

Hosting Chapters	2008 Chapter Chairs
Tainan ComSoc Chapter	Chi-Sung Laih
Taipei ComSoc Chapter	Lee Ta-Sung
Thailand ComSoc Chapter	Sripimanwat Keattisak



This DLT covered Tainan, Taipei and Thailand.

1. **Tainan: 12nd December 2008 (Friday) - Tainan**
Venue: National Cheng Kung University
Topic: "Advances in Broadband Access Communications"
2. **Taipei: 15th December 2008 (Monday) - Taipei**
Venue: National Taiwan University
Topic: "Adaptive Transmission & Resource Allocation Techniques for Broadband Communications"
3. **Thailand: 17th December 2008 (Wednesday) - Bangkok**
Venue: National Electronics and Computer Technology Center (NECTEC)
Topic: "Advances in Broadband Access Communications"

This ComSoc DLT by Prof. Tho Le- Ngoc attracted large audiences in the various locations. The Chapters were very pleased with the caliber of the Speaker, quality of presentation and his in-depth knowledge of the topics.

The Communications Society has to-date for 2009 approved 5 Distinguished Lecture Tours for the Asia Pacific Region. Two DLTs have been completed, three approved for June, Nov & Dec 2009. Several more Distinguished Lectures have expressed interest in touring the Region and which are still in the planning stages. We expect to exceed the 5 DLTs allocated for each Region by year end subject to ComSoc available funding.

AP DLT #1: 3rd - 11th January 2009

Lecturer: Mehmet Ulema

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



The DLT topic of “An Overview to Network Management” was delivered in Singapore, Indonesia and Macau.

1. Singapore: 5th January 2009 (Monday)
Venue: Nanyang Technological University
2. Indonesia: 7th & 8th January 2009 (Wednesday & Thursday) - Bandung and Jakarta
Venues: Telkom Institute of Technology (ITTelkom) & Bina Nusantara University
2. Macau: 9th January 2009 (Friday)
Venue: University of Macau

The speaker had a good impression of the countries he visited and the interest shown in the topic of Network Management. The presentations in Bandung and Jakarta were well attended by students and lecturers from the University.

AP DLT #2: 15th - 21st February 2009

Lecturer: Abbas Jamalipour

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



This DLT covered Singapore, Malaysia and Thailand. The topic of “Broadband Wireless IP” was presented in all 3 locations.

1. Singapore: 16th February 2009 (Monday)
Venue: Nanyang Technological University
2. Malaysia: 17th February 2009 (Tuesday) - Kuala Lumpur
Venue: University Putra Malaysia
3. Thailand: 20th February 2009 (Friday) - Bangkok
Venue: National Electronics and Computer Technology Center (NECTEC)

The speaker was pleased that the Malaysia ComSoc Chapter took much effort to promote and publicize his

lecture, and extended good hospitality. The lecture attracted a large audience of 80 at the University of Putra Malaysia.

AP DLT #3: Scheduled Plan 19th - 29th November 2009

Lecturer: Gabriel Jakobson

Hosting Chapter	2009 Chapter Chairs
Tainan ComSoc Chapter	Chi-S Laih
Macau ComSoc Chapter	Seng-Pan U
Japan Council ComSoc Chapter	Masayuki Murata



This DLT will cover Tainan, Macau and Tokyo.

1. Tainan : 20th November 2009 (Friday)
Topic: "The new directions in disaster and emergency situation management: technology and applications"
 2. Macau: 23rd November 2009 (Monday)
Topic: "Introduction to Cognitive Situation Management for Complex Networked Operations."
 3. Tokyo: 26th November 2009 (Thursday)
Topic: "Introduction to Cognitive Situation Management for Complex Networked Operations."
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AP DLT #4: Scheduled Plan 13rd - 22nd December 2009

Lecturer: Anthony Ephremides

Hosting Chapter	2009 Chapter Chairs
Australia Capital Territory ComSoc Chapter	Abd-Krim Seghouane
South Australia ComSoc Chapter	Brian W Ng
Queensland ComSoc Chapter	Garry A Einicke
New Zealand North and South ComSoc Chapter	Harsha R Sirisena



This DLT will cover Canberra, Adelaide, Brisbane and Christchurch. The topic of "Cooperation at the Network Level" will be presented in all 4 locations.

1. Canberra : 14th December 2009 (Monday)
 2. Adelaide: 16th December 2009 (Wednesday)
 3. Brisbane: 18th December 2009 (Friday)
 4. Christchurch: 21st December 2009 (Monday)
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AP DLT #5: Scheduled Plan 6th - 17th June 2009

Lecturer: Roch Gliitho

Hosting Chapter	2009 Chapter Chairs
Singapore ComSoc Chapter	Ho Hooi Chee
Malaysia ComSoc Chapter - 3 locations include Johor Bahru, Kuala Lumpur and Penang	Hafizal Mohamad



This DLT will cover Singapore and 3 locations in Malaysia, which including Johor Bahru, Kuala Lumpur and Penang.

1. Singapore : 8th June 2009 (Monday)

Topic: "End-User Applications and Service Enablers for Challenged Networks: State of The Art and Research Directions."

2. Johor Bahru : 10th June 2009 (Wednesday)

Topic: "End-User Applications and Services Enablers for Wireless Sensor Networks."

3. Kuala Lumpur : 12nd June 2009 (Friday)

Topic: "End-User Applications and Service Enablers for Challenged Networks: State of The Art and Research Directions."

4. Penang : 15th June 2009 (Monday)

Topic: "Enabling End-User Applications and Services in Communication Networks: From Application Programming Interfaces to Overlay Networks"

As a summary, 6 DLTs were successfully held in 2008 and 2 have been completed to date for 2009. Thanks to the endeavor of the dedicated lecturers and hosting chapters, the DLT continues to provide opportunities to local members to expand on their technical knowledge and to network.

Chapters are encouraged to promote and publicize the DLTs early in order to attract a larger audience from industry. It also is an opportunity for membership recruitment and revenue generation for the Chapters. It has been suggested that accommodations and presentation venues be held in more centralized areas of the cities for ease of travel for speakers as well as for the audience.

We hope to attract more high caliber ComSoc Distinguished Lecturers to visit our Asia Pacific region under the ComSoc DLT program. A note of thanks also to hosting Chapter volunteers for extending their hospitality to the lecturers. Much time and effort have been spent by lecturers and hosting Chapter volunteers in making the program a success.

II. Committee Activity Reports

2.1 *Technical Affair Committee*

2009 IEEE Young Researcher Award

- 34 high-quality submissions from many countries.
- Selection committee members nominated from different countries, i.e., Korea, China, Taiwan and Japan. Comprehensive review was done for three months.

Award Selection Committee members: Sherman Shen, University of Waterloo
Mohsen Guizani, Western Michigan University
Seung-Woo Seo, Seoul National University
Naoaki Yamanaka, Keio University
Phone Lin, National Univ. of Taiwan
Jie Li, Univ. of Tsukuba
Kun Tan, Microsoft Research Asia

Chair: Qian Zhang, Hong Kong University of Science and Technology

- Announcement of final winners are follows:

IEEE ComSoc Asia-Pacific Young Researcher: Tarik Taleb (Japan)

Outstanding Young Researchers: Sangheon PACK (Korean), Wei ZHANG (Australia), Xinbing WANG (China), Meixia TAO (China), Jianwei HUNAG (Hong Kong)

- Award ceremony at the APB meeting in ICC 2009, Dresden, Germany.

2.2 *Information Services Committee*

Activity Report

- Issue AP Newsletter No. 35
 - By Prof. Kim (ISC VC for NL)
 - Thank you for articles!
 - Message from AP Director, Zhisheng Niu.
 - Final Winners of 2009 IEEE Young Researcher Award
 - Report from DLT
 - Committee Activity Reports
 - Upcoming Conference
- Update AP Homepage
 - By: Dr. Shimizu (ISC VC for HP)
- Launch Call for articles for Global Communications Newsletter(GCN)
 - By Dr. Shiimoto (ISC Chair)

Global Communications Newsletter

- GCN appears monthly within IEEE Communications Magazine.
- <http://www.comsoc.org/pubs/gcn/index.html>

It provides an excellent opportunity to present news and events related to communications around the world, as well as activities carried out by IEEE Communications Society chapters in greater detail.

In general, articles that will be published on the Global Communications Newsletter will not be technical papers, neither even technical surveys. Rather, they will be short articles informing the community of the IEEE Communications Society about various activities that are carried out or organized in the four corners of the world by the many volunteers that are the true engine of IEEE Communications Society. Also major news from telecommunications regional industry, operators and academia may be of great interest to our global community.

The relevance, timeliness and interest of reports published on our Newsletter will depend on your cooperation. The willingness of everyone to contribute with timely and informative reports will be essential to ensure the success of our Newsletter. We look forward to receiving your submissions.

- Candidate article categories (but not limited to):
 - Message form AP Director
 - yearly
 - Report on DLT in AP region
 - yearly
 - Report on AP Young Researcher Award
 - yearly
 - Report from Chapter Activity in AP region
 - per proposal from open call
 - Report on hot topic of telecommunications R&D in AP region
 - per proposal from open call
 - Call for Articles will be posted on the AP homepage.
 - Report on major international conferences in AP region
 - ISC will contact candidate authors to collect the reports on conferences. For instance,
 - APSITT: general area (spring)
 - OECC: optical network area (summer)
 - APCC: general area (autumn)
 - COIN: optical network area (autumn)

2.3 *Chapters Coordination Committee*

The Chapters Coordination Committee for 2008-2009 consists of three officers, appointed by the APB Director:

Chair: Abbas Jamalipour, University of Sydney

Vice Chairs: Tee-Hiang Cheng (Nanyang Technological University),
Kwang Bok Lee (Seoul National University),

Ashok Jagatia (Acevin Solutions)

The aim of the Chapters Coordination Committee is:

- To plan and coordinate the Regional Chapters Chair Congress (AP-RCCC) once a year if possible
- To collaborate with the AP Office in running the DLT program
- To support the AP Office in organizing Executives' visit to Chapters

There are around 36 Communications Society's Chapters in the Asia-Pacific region, as listed below, and the officers of the CCC are located accordingly surrounding the region in order to efficiently be able to coordinate chapters activities.

Australian Capital Territory	Karachi	Shanghai
Bangalore	Kerala	Singapore
Beijing	Lahore	South Australia
Beijing (Shenzhen)	Macau	Tainan
Bombay	Madras	Taipei
Calcutta	Malaysia	Thailand
Delhi	Malaysia	Victorian
Gujarat	Nanjing	Vietnam
Hong Kong	New South Wales	Western Australia
India Council	New Zealand North & South	Xian
Indonesia	Northern Australia	
Japan Council	Queensland	
Kansai	Seoul	

AP-RCCC - In October 2008, we have organized the AP Regional Chapter Congress co-located with the APCC2008, in Akihabara, Tokyo, Japan. For the first time, we have organized a joint AP-RCCC and Sister Societies Summit (SSS) 2008, to make the attendance and interaction even more effective for our region. The two-day AP-RCCC-SSS2008 has been highlighted by a close discussion among chapter chairs and some of the ComSoc officers on various issues related to the chapters' activities, the APB, and the Sister Societies affairs. The meeting included keynotes from the ComSoc President's (delivered by the Past President, Nim Cheung), and the ComSoc Vice President - Member Relations (Byeong Lee), as well as presentations on "Asia Pacific Sister Societies, status and activities" (by Roberto Saracco), "Membership Development Program and Marketing" by Chair of Marketing & Industry Relations Board (by Bob Shapiro), "ComSoc Structure, Support, Activities, in AP" with Q&A by the IEEE Asia Pacific Office (Fanny Su), and a presentation on "2008-09 Activity Report and Action Plan in AP" by APB Director (Zhisheng Niu).

Distinguished Lecturer Tours - In 2009, we have organized/planned several Distinguished Lecturer Tours (DLT) to cover various geographical areas such as India, Australia/New Zealand, East Asia and ASEAN, including:

1. Mehmet Ulema - 3-11 January 2009 (Approved and Completed)
Hosting Chapters: Singapore, Indonesia, Macau

2. Abbas Jamalipour - 15-21 February 2009 (Approved and Completed)
Hosting Chapters: Singapore, Malaysia, Thailand

3. Roch Glitho - 5-18 June 2009 (Approved)
Hosting Chapters: Singapore, Malaysia (multiple locations)

4. Gabe Jakobson - 19-29 November 2009 (Approved)
Hosting Chapters: Tainan, Macau, Tokyo

5. Tony Ephremides - 12-22 December 2009 (Approved)
Hosting Chapters: Australia Capital Territory, South Australia, Queensland, New Zealand North & South

There are several other DLTs in progress of planning and approval, including:

- Jacob Gavan, to Shanghai, Xian, Nanjing, and Hong Kong for September 2009
- Bhumip Khasnabish, to Bombay, Hyderabad, Kharagpur for August 2009

The DLT program is supported by the Communications Society and local Chapters. It requires the support

from at least 3 chapters (or three separate locations within reasonable geographical proximity to each other) in the region to start the process of approval. We usually can manage around five DLT in each calendar year. If you have any request for a DLT program in your area, please contact the CCC chair or the AP Office for coordination.

Chapter Questionnaires - A reminder that the Chapter Questionnaire is currently circulated among all Chapter chairs in the AP region. This questionnaire describes each chapter's proposed activities/programs, funding requirements, and providing names of your key leaders. This information will help us determine your needs and ways to help you in your initiatives and increase ComSoc membership. Increasing and retaining membership is a Society goal. All ComSoc Chapters are required to appoint Membership Development officers for their chapter in order to get the funding. Some Chapters have already sent their replies. The deadline for return of questionnaire is 30 July 2009. Please take this opportunity to seek funding for your ComSoc Chapter activities.

All AP ComSoc Chapters are encouraged to inform us of their chapter activities to be placed on the APB website. Your experience and ideas can then be shared among various ComSoc Chapters. APB announcements will be sent to AP ComSoc members through the AP Office too.

III. Upcoming conference

- *IEEE ICC 2010*

<http://www.ieee-icc.org/2010/>

23 -27 May 2010, Cape Town, South Africa

Full paper submission:	4 September 2009
Notification of Acceptance:	10 January 2010
Camera-Ready Submission:	10 February 2010

- *WCNC 2010*

<http://www.ieee-wcnc.org/2010/>

18 - 21 April 2010, Sydney, Australia

Full paper submission:	18 September 2009
Notification of Acceptance:	30 November 2009
Camera-Ready Submission:	4 January 2010

- *IEEE CCNC 2010*

<http://www.ieee-ccnc.org/2010/>

9 -12 January 2010, Las Vegas, Nevada USA

Paper submission:	1 June 2009
Acceptance Notification:	17 August 2009
Camera-Ready Papers:	1 October 2009

- *INFOCOM 2010*

<http://www.ieee-infocom.org/2009/>

15-19 Mar 2010, San Diego, USA

Abstract Due:	24 July 2009
Full paper submission:	31 July 2009
Notification of Acceptance:	21 November 2009

- *Calendar of Comsoc*

Conference Name	Conf Date	CITY	STATE	CTRY	CFP Deadline
ANTS 2009	12/14/09 12/16/09	New Delhi		IN	07/31/09
WCSP 2009	11/13/09 11/15/09	Nanjing		CN	07/31/09
RWS 2010	01/10/10 01/14/10	New Orleans	LA	USA	08/02/09
IEEE/IFIP NOMS 2010	04/19/10 04/23/10	Osaka		JP	09/01/09
IEEE ICC 2010	05/23/10 05/27/10	Capetown		ZA	09/04/09
IEEE WCNC 2010	04/18/10 04/21/10	Sydney		AU	09/18/09
OFC/NFOEC 2009	03/22/09 03/26/09	San Diego	CA	USA	10/07/09
IEEE DYSpan 2010	04/06/10 04/09/10			SG	10/15/09
WSA 2010	02/23/10 02/24/10	Bremen		DE	11/08/09
IEEE ISPLC 2010	03/28/10 03/31/10	Rio de Janeiro		BR	11/16/09
IEEE CTW 2009	05/11/09 05/14/09	St. Croix	VI	USA	
ICUWB 2009	09/09/09 09/11/09	Vancouver	BC	CA	