



# Asia Pacific Region

*AP Newsletter No. 37 May 2010*

*Official Newsletter of ComSoc Asia Pacific Board*

[www.comsoc.org/~apb](http://www.comsoc.org/~apb)

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## I. Hot Topics

### 1.1 *Message from AP Director, Naoaki Yamanaka*

First of all, as the new director of IEEE Communication Society Asia Pacific Board (APB) for the 2010-2011 period, I would like to say a Happy New Year 2010 to all our members in this region.

Also, I would like to express my gratitude to all the past APB officers, especially to previous director Prof. Zhisheng Niu as well as the many earnest volunteers involved in the APB related activities. Due to their great contributions, the AP region has been recognized as one of the fastest growing regions in terms of both membership development and technical activities. For example, APB is the most active region for conference paper presentation.

In this respect, we are now in the next stage to further expand our highly-recognized technical activities. Activities are going to involve not only paper presenters but also more operational activities such as organizers. We have to do more volunteer work for technical activities and become one of the leaders in IEEE. For membership development, we should supplement the existing 9,000++ members by attracting new members, especially vendor or company members. I think today's IEEE is not attractive enough to company members. No doubt, this will bring us a lot of challenges. But, on the other hand, we are surrounded by many opportunities too. For instance, ICC 2011 will be held in Kyoto, during which near 2,000 guests are expected to visit our region. ICC 2009 was held in Beijing and ICC 2011 is the second chance to extend member in AP region. These will definitely provide us very good opportunities to further promote our region as well as to strengthen the collaboration with regional activities.

Unfortunately, year of 2010 is starting under serious economy situation. However, Asia Pacific is a little better than other region. So we have to try new technologies and bring future to all IEEE members. To achieve these goals, a strong volunteer team is extremely important and prerequisite. Fortunately, with the helps from our advisors, the following volunteers have agreed to devote their precious time and experience to lead the respective committees, while much more volunteers will be invited to join with them soon.



Dr./Professor Naoaki Yamanaka (AP Director for Jan.2010 - Dec.2011)  
Keio University, JAPAN  
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### 1.2 *Call for Application of the 5th Asia Pacific Young Researcher Award*

IEEE Asia Pacific Board (APB) sponsors "IEEE ComSoc Asia-Pacific Young Researcher Award". This award honors researchers who have been very active in IEEE ComSoc publication and conference activities over the last 3 years.

- The upper age limit is 35.
- Applicants must be members in the Asia Pacific region.
- The "IEEE ComSoc Asia-Pacific Young Researcher Award" will be given to the best candidate.

- The candidates not selected are eligible for the award of “Outstanding young researcher(s)” which can be issued at the same time.

### **Award Prize**

- The recipient of “IEEE ComSoc Asia-Pacific Young Researcher Award” will receive a certificate and honorarium of US\$500.
- Each outstanding young researcher will receive a certificate and honorarium of US\$250.

### **Selection Process**

APB shall establish a selection committee, which will determine the award recipient(s) from among the eligible applicants. The committee will then determine the outstanding young researcher(s) from the remaining applicants. Each applicant must be sent the application form to IEEE ComSoc APB TAC chair before the deadline.

- Application form should include the followings
  - Applicant’s biography
  - A list of publication and conference activities over the last 3 years.
  - Description of main topics/thesis of the applicant over the last 3 years. (A4 1 page)
  - The cover page should contain the applicant's name, affiliation, address, telephone, fax number and e-mail address.

Application submission due

- July 1, 2010 : Application submission due
- Award ceremony will be held during APB meeting or banquet of conference in AP region.

Each application must be sent to the following address by e-mail.

Prof. Takaya Yamazato: yamazato@ieee.org

Prof. Wanjiun Liao: wjliao@ntu.edu.tw

Questions and submission should be directed to:

Prof. Wanjiun Liao

Department of Electrical Engineering

National Taiwan University

Taipei, Taiwan

TEL: +886-233663548

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E-mail: wjliao@ntu.edu.tw

### **1.3 Report from Distinguished Lecture Tour(DLT)**

#### **Report on the Distinguished Lecture Tours (DLTs)**

Report on Distinguished Lecture Tours (DLT)

(Reported by IEEE APO - as at 20th April 2010)

In Nov and Dec of 2009, we organized 3 DLTs to the Asia Pacific. Distinguished lecturer, Gabriel Jakobson gave his lectures in Tainan, Macau and Tokyo. Distinguished lecturer, Anthony Ephremides went to Canberra, Adelaide, Brisbane and Christchurch, and Koichi Asatani to Christchurch, Brisbane, Canberra and Melbourne.

All these 3 DLT programs were successfully held. The hosting chapters were pleased with the outcome and gave positive feedback on the lectures. The DLTs gave local ComSoc members and students opportunities to expand their knowledge in specific technical areas.

The Communications Society has approved 2 DLTs to the Asia Pacific for 2010. The 1st DLT was completed in March 2010 and the second DLT approved is scheduled for July 2010.

We hope to organize another 3 more DLTs for the Asia Pacific Region by the year end.

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## AP DLT #1: 8<sup>th</sup> -16<sup>th</sup> March 2010

Lecturer: Arun Somani

Hosting Chapter	2010 Chapter Chairs
Singapore ComSoc Chapter	Hooi-Chee Ho
Tainan ComSoc Chapter	Hsiao-Hwa Chen
Taipei ComSoc Chapter	Chi-Chao Chao



This DLT covered Singapore, Tainan and Taipei. Lectures were given in the respective cities on agreed topics of interest:

1. **Singapore : 9<sup>th</sup> March 2010 (Tuesday)**  
Topic: “Efficient Protection and Grooming Architecture for Optical Networks.”
2. **Tainan: 12<sup>th</sup> March 2010 (Friday)**  
Topic: “Autonomous Aero-Visual and Sensor Based Inspection Network for Asset Monitoring.”
3. **Taipei : 15<sup>th</sup> March 2010 (Monday)**  
Topic: “Autonomous Aero-Visual and Sensor Based Inspection Network for Asset Monitoring.”

### Summary of Singapore ComSoc Chapter’s Report

The talk by the IEEE Distinguished Lecturer Prof. Arun Somani organized by the IEEE Communications Society was arranged at the Department of Electrical and Computer Engineering, National University of Singapore on 9<sup>th</sup> March 2010 at 9-30 am at EA-06-04. Professor Somani is an eminent researcher and a pioneer in the field of optical networking. He delivered the talk on the topic of Efficient Protection and Grooming Architecture for Optical Networks. He covered two major approaches-lighttrail based and p-cycle based approaches. Various issues ranging from architectures design and protocols were discussed. The talk was very interesting and valuable to the communication networking community, particularly the optical networking community. The talk was well attended and received by the audience. The audience included the academic, research staff, and students from the University and the ASTAR research institute. Prof. Somani delivered the talk in a very organized way. It was delivered with clarity with a lot of background information and illustrations. He also used means to engage the audience. The chosen topic is of high academic and research value with possibly industrial applications in future. It was on a more focused area of optical networking. Given this, attendance of 30 people is quite good. Majority of the participants are either working in the related area or currently carrying our studying the related topic. There was good response and feedback as they got exposed to new topic and approaches.

### Summary of Taipei ComSoc Chapter’s Report

#### ***Organizing Process of the DLT***

This DLT was through the cooperation of IEEE Communications Society Taipei Chapter and National Taiwan University. All the local arrangements were made by National Taiwan University. Taipei Chapter contacted the IEEE Asia Pacific Operations Centre/Communications Society Office first time on 17 October 2009 applying for hosting the DLT of Prof. Arun K. Somani and was notified on 18 February 2010 that the DLT was approved. We would like to sincerely thank the IEEE Asia Pacific Operations Centre/Communications Society Office for its excellent coordination of the tour and the IEEE DLT Program for its support. The whole process of organizing Prof. Somani’s DLT was a big success.

#### ***Audience Size / Mix of Students or Industry***

The number of the audience was about 150 with a mixture of students and professors from related fields.

#### ***Audience Participation / Response***

The response from the audience were very good. They were quite interested in the talk. Many were impressed by the high degree of integration/sophistication and large size of the projects presented in the talk. The autopilot helicopter vedio clips and the decorated lego model in the experiments shown drew lots

of attention. Yet some audience felt that the content of the talk was somewhat too application-oriented and few theoretical aspects were addressed.

**Audience Feedback**

The audience felt very positive about the IEEE DLT Program and were eager to participate in another one in the near future.

**Relevance of the DLT Topic**

The topic is closely related to the current trends of sensor-related research.

**Comment on the Lecturer**

Prof. Somani gave an interesting talk on Autonomous Aero-Visual and Sensor Based Inspection Network for Asset Monitoring. He used some simple evidence to demonstrate the importance of the topic and introduced quite a number of related projects, including one involving a sophisticated system for real-time detection and prevention of failures of power transmission systems through the integration of various technologies such as wireless sensing, automatic control, image processing, and wireless communication. Practical and implementation aspects of the topic were well addressed. Some interesting pictures and video clips were also shown so that the audience could easily get into the talk. In general, the talk were nicely presented. However, some more theoretical aspects might make this talk even better. The pace and length of the talk were controlled very well.



(Photo taken by National Taiwan University)

**AP DLT #2: Scheduled Plan 8<sup>th</sup> - 19<sup>th</sup> July 2010**

**Lecturer: Bhumip Khasnabish**

Hosting Chapter	2010 Chapter Chairs
Bombay ComSoc Chapter	Avinash V Joshi
Hyderabad Section	N G P Mandaleeka
Hyderabad ComSoc Chapter	Deergha Rao
Kharagpur Section	Chandan Chakraborty
Calcutta ComSoc Chapter	Swarup Mandal



This DLT will cover Bombay, Hyderabad, Kharagpur and Calcutta. The topic of “Converged Services and a New Generation of Networking” will be delivered to the following locations:-

1. **Bombay: 9<sup>th</sup> July 2010 (Friday)**
2. **Hyderabad: 13<sup>th</sup> July 2010 (Tuesday)**
3. **Kharagpur: 15<sup>th</sup> July 2010 (Thursday)**
4. **Calcutta: 17<sup>th</sup> July 2010 (Saturday)**

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Due to budget constraints, the IEEE ComSoc financial support is US\$ 1,000 per DLT for the year 2010. Hence, the hosting chapters and lecturer will have to find alternative sources of funding for the lecturer's travel expenses including airfares if it exceeds US\$1,000.

However, it was very encouraging to see that the hosting organizers in the Asia Pacific and lecturers are still dedicated to participating in the distinguished lecturers program. With the enthusiastic participation, the local members and students will be able to benefit from the lectures.

In Dec 2009, Prof. Han Vinck was invited by the universities in Taiwan (National Taiwan University, National Tsing Hua University, National Cheng Kung University and National Chiao Tung University) to deliver technical talks to the local students and members. It was not funded by IEEE ComSoc, but the local chapters and organizers had provided full funding and support to this technical seminar. The participation of the audience was very encouraging with about 100 - 200 participants attending each lecture. The local chapters and organizers did a very good job in promoting and publicizing the lectures. This technical seminar was successfully held and it brought mutual benefits to local participants and the lecturer.

Another technical seminar without the funding from IEEE ComSoc was held in Nanjing and ShenZhen in Feb 2010. Dr. Bhumip Khasnabish was welcomed by the Nanjing and Shenzhen ComSoc Chapter to deliver a talk on the topic "Converged Services and a New Generation of Networking" to their local members and students during his personal business trip to China. We would like to express our gratitude to Dr. Bhumip Khasnabish for taking his precious time out from his business trip to share his knowledge and field of expertise to benefit the local audience in China.

As a conclusion, we would like to thank all the dedicated lecturers for showing their professionalism, and for sharing their knowledge and expertise to a wide audience in the Asia Pacific Region. Also, we would like to extend a big thank you to the hosting chapters for their hospitality and making the distinguished lecturers program a success.

## **II. Action Plan of APB 2010-2011**

### **2.1 *Technical Affair Committee***

#### **TAC Action Plan**

Technical Activity Committee (TAC) has the following action plan.

- TAC will select some outstanding active young researchers for the Asia Pacific Young Researcher Award. Call for applications of the award is included in this newsletter.
- TAC will assist in new research award selection for APB.
- TAC will continue to help Comsoc to promote the BAS session at Globecom or ICC, particularly for the topic on the development of communications and networking technologies in Asia Pacific.
- TAC will continue to update the list of reviewers in Asia Pacific region. Furthermore, TAC will support reviewing papers and recommending session chairs and organizers for technical workshops that are sponsored by APB in AP region.

#### **CFA for the Asia Pacific Young Researcher Award**

APB-TAC invites applicants for the Best Young Researcher Award as follows:

- Eligibility criteria: Young researchers who have been very active in ComSoc publication and conference activities over the last 3 years are candidates.
- Age limit is 35.
- Applicants must be members in the Asia Pacific region (Multiple outstanding young researchers may be awarded at the same time.)
- Award Emoluments:
  - Best young researcher awardee will receive a certificate and US\$500.
  - Outstanding young researcher awardee will receive a certificate and \$250.
- Award ceremony will be held during APB meeting or banquet of conference in AP region.

Please send the following items to Prof. Takaya Yamazato and Prof. Wanjiun Liao, IEEE ComSoc APB TAC Chairs (see below) by July 1, 2010.

- Applicant's biography.
- A list of publication and conference activities over the last 3 years.
- Main topics / thesis of last 3yrs study.
- The cover page should contain the applicant's name, affiliation, address, telephone, fax number and e-mail address.

Questions and submission should be directed to:

Prof. Wanjiun Liao  
 Department of Electrical Engineering  
 National Taiwan University  
 Taipei, Taiwan  
 TEL: +886-233663548  
 FAX: +852-223646710  
 E-mail: wjliao@ntu.edu.tw

## 2.2 *Information Services Committee*

### Mission of ISC

- to manage and update the AP Region Homepage to provide new and important information for the AP Regional ComSoc members
- to publish and distribute the AP Region email news
- to publish and distribute AP Newsletters
- to provide a liaison to the IEEE Global Communication Newsletter (GCN)
- to collaborate with the AP Office in information service related matters

### ISC Action Plan

- Newsletter
  - Editing and Publication of AP Newsletter
    - ✓ Published twice a year, distributed at ICC and GLOBECOM
- Homepage (chapters.comsoc.org/~apb)
  - APB Homepage Enhancement and Maintenance
    - ✓ Newsletter archive
    - ✓ Upcoming APB meeting announcement
    - ✓ APB Meeting minutes archive
    - ✓ APB Committee activity update
    - ✓ Conference information
    - ✓ Call for papers/participation
    - ✓ Homepage renewal plan
    - ✓ Others
  - APB email news: apb-announcement@ieee.org
    - ✓ Dissemination of call for papers/participation under approval of AP Director
    - ✓ Homepage update announcement to members (approximately bi-monthly publication)
    - ✓ Others

## 2.3 *Chapters Coordination Committee*

### Mission of CCC

- to plan and coordinate the Regional Chapter meeting once a year where possible
- to collaborate with the AP Office in running the DLT program
- to support the AP Office in organizing Executives' visit to Chapters

In the past several years, we were very successful in accommodating all the above mission items. A good number of Distinguished Lecture Tours and pilot program of technical presentation using the IEEE Internet Conferencing Service have been organized in the Asia Pacific Region. These are reported in the previous issues of the Newsletter.

### **CCC Action Plan**

- to continue assistance in selection and organization of high level Distinguished Lecturer Tours in the region
- to negotiate with the APB Director for funding for the next Asia Pacific Regional Chapters Chair Congress
- to plan for organizing the next regional chapter meeting once or twice during 2010-2011 period
- to search and assist in organizing executives' visits to Chapters
- to find alternative and less expensive methods for Chapter Chairs meetings

If you have any suggestion please send it to the CCC Chair.

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Hong Kong University of Science and Technology  
Clear Water Bay, Kowloon Hong Kong  
URL: <http://www.cse.ust.hk/~qianzh/>  
Email: [qianzh@cse.ust.hk](mailto:qianzh@cse.ust.hk)  
Tel: 852-23588766

### **2.4 Meeting & Conference Committee**

#### **MCC Action Plan**

- to distribute information on IEEE ComSoc supported international meetings and conferences to AP Regional ComSoc members
- to coordinate and support IEEE ComSoc supported international meetings and conferences in the AP region, including the APCC, ISPACS, EOCC, and APNOMS.
- to pursue the visibility of the APB in the above international conferences.
- to perform their statistical analyses for the ComSoc's major conferences including ICC, GLOBECOM, and INFOCOM, and the above AP Regional conferences.

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### III. Upcoming conference

- **IEEE GLOBECOM 2010**

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

6-10 December 2010, Miami, Florida, USA

Paper submission:	15 March 2010
Acceptance Notification:	1 July 2010
Camera-Ready Papers:	1 August 2010

- **IEEE ICC 2011**

<http://www.ieee-icc.org/2011/>

05-09 June 2011, Kyoto, Japan

Full paper submission:	7 September 2010
Notification of Acceptance:	To be announced
Camera-Ready Submission:	To be announced

- **IEEE CCNC 2011**

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

08-11 January 2011, Las Vegas, Nevada, USA

Paper submission:	4 June 2010
Acceptance Notification:	3 September 2010
Camera-Ready Papers:	1 October 2010

- **Calendar of Comsoc**

Conference Name	Conf Date	CITY	CTRY	CFP Deadline
CNC 2010	10/04/2010 - 10/05/2010	Calicut	IN	06/03/2010
WCSP 2010	10/21/2010 - 10/23/2010	Suzhou	CN	05/31/2010
IEEE CCW 2010	10/25/2010 - 10/27/2010	Lake Arrowhead	USA	-

IEEE RIVF 2010	11/01/2010 - 11/04/2010	Hanoi	VN	05/22/2010
IEEE CAMAD 2010	12/03/2010 - 12/04/2010	Miami	USA	05/31/2010
ICSPCS 2010	12/13/2010 - 12/15/2010	Gold Coast	AT	06/30/2010
IEEE CCNC 2011	01/08/2011 - 01/11/2011	Las Vegas	USA	06/04/2010
RWS 2011	01/16/2011 - 01/20/2011	Phoenix	USA	07/30/2010
IEEE CogSIMA 2011	02/22/2011 - 02/24/2011	Miami	USA	08/15/2010
IEEE ISPLC 2011	04/03/2011 - 04/06/2011	Udine	IT	-
WTS 2011	04/13/2011 - 04/15/2011	New York	USA	01/24/2011
IEEE ICSOS 2011	05/01/2011 - 05/03/2011	Los Angeles	USA	
IEEE/IFIP IM 2011	05/23/2011 - 05/27/2011	Dublin	IE	
IEEE ICC 2011	06/05/2011 - 06/09/2011	Kyoto	JP	09/07/2010