Asia Pacific Region

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I. <u>Hot Topics</u>

1.1   *Message from AP Vice Director, Tomoaki Ohtsuki*

First of all, I would like to express my gratitude and appreciation for your various kinds of warm and great supports and help to our Japan. We Japan, in particular Northern part of Japan (Tohoku area) were seriously suffered from earthquake, Tsunami and their related effects. This is one of the biggest disasters that we have experienced. Although it is not an easy way, we are sure to reconstruct our country.

In such an occasion we are very proud of having ICC2011 in Kyoto and many people from all over the world. With your big supports and help, I am sure that ICC2011 will be a big successful conference. Kyoto is very historical city. Kyoto was the imperial capital of Japan from its foundation until the middle of the 19th century. As the centre of Japanese culture for more than 1,000 years, Kyoto illustrates the development of Japanese wooden architecture, particularly religious architecture, and the art of Japanese gardens, which has influenced landscape gardening the world over. There are many The World Heritage (UNESCO) Historic Monuments. I hope everyone enjoys not only conference but also Japanese culture.

Now I am looking forward to seeing you all at ICC2011 and APB meeting.

Tomoaki Ohtsuki
Keio University, Japan
Email: ohtsuki@ics.keio.ac.jp

1.2   *IEEE ComSoc Asia Pacific Young Researcher Award*

Asia Pacific Young Researcher Award has been sponsored and presented by Asia Pacific Board (APB). The establishment of the awards has had a major effect and influence upon Asia-Pacific region by giving prestige and bottom-line profits to a young researcher.

The award honors researchers who have been very active in ComSoc publication and conference activities over the last 3 years. Applicants must be members in the Asia Pacific region and the upper age limit is 35. 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. The award selection criterion is based on applicant biography and research contributions and activities. APB Technical Affair Committee (TAC) has managed the award since 2001.

Surprisingly, this successful award started as the second APB award. The first award was APB Best Paper Award, but it lasted only for three years.

In 1998, at Globecom APB meeting, the APB TAC proposed APB Best Paper Award to stimulate research in AP region. The concept and significance received general approval and the APB director at that time, Dr. Byeong Gi Lee, urged all attendee for more detailed discussion on the scheme of this award. The point of discussion was the scope of this award. After the deep discussion, the APB director proposed to start a joint award of ComSoc APB and Asia Pacific Conference on Communications (APCC) Steering Committee APCC (Asia Pacific Conference in Communication).

In 1999, the first APB Best Paper Award was presented. The best paper was selected from APCC/OECC 99. The award was originally planned to be the first of a series of awards planned by APB, including similar awards for the OECC, ISPACS, and APNOMS conferences that APB officially supports. However, negotiations with the organizing committee of each conference brought additional effort to the APB TAC.

In 2000, at Globecom APB meeting, the APB TAC chair, Dr. Naoaki Yamanaka, proposed a new APB award, Asia Pacific Young Researcher Award. The APB TAC intended to encourage young researchers' activities in AP region by awarding them. The award focused on the activity, not on a particular paper. The proposal triggered very active discussion and received general approval on its concept and significance.

Next year at ICC2001 APB meeting, the third version of "APB Best Young Researcher's Award" was proposed. After fruitful discussion, the proposal was finally approved and the first call for applicants was posted on the APB WWW homepage and printed version in the IEEE magazine.

Last year, the APB selected the 5th IEEE ComSoc APB Young Researcher Awards.   There were nineteen high-quality submissions from many countries. The award selection committee was composed of current APB TAC members. Comprehensive review was done for three months. Final award winners are Dr. Wei Chen (Tsinghua University, China) as Best Young Researcher and Drs. Y.-W. Peter Hong (National Tsing Hua University, Taiwan) Bang Chul Jung (Gyeongsang National University, Korea) Ting See Ho (Nanyang Technological University, Singapore) as Outstanding Young Researchers, respectively. Award ceremony will be held at the APB meeting of IEEE ICC 2011, Kyoto, Japan.

Winners of APB Young Researcher Awards

	Best Young Researcher	Outstanding Young Researchers
1st APB Young Researcher Awards (2001)	Dr. Byoung-Hoon Kim	Prof. Wen-Jyi Hwang, Dr. Eiji Oki, Prof. Tomoaki Otsuki, Prof. Shiann-Tsong Sheu
2nd APB Young Researcher Awards (2005)	Dr. Qian Zhang	Dr. Ki-Dong Lee, Dr. Jia-Chin Lin, Dr. Naoki Wakamiya
3rd APB Young Researcher Awards (2007)	Dr. Phone Lin	Dr. W. Choi, Dr. H. Harai, Dr. H. F. Lu
4th APB Young Researcher Awards (2009)	Dr. Tarik Taleb	Dr. Sangheon PACK, Dr. Wei ZHANG, Dr. Xinbing WANG, Dr. Meixia TAO, Dr. Jianwei HUNAG
5th APB Young Researcher Awards (2010)	Dr. Wei Chen	Dr. Y.-W. Peter Hong , Dr. Bang Chul Jung, Dr. Ting See Ho

1.3   *ComSoc DLT Programs and DSP Programs*

In 2010, there were 3 DLTs and 1 DSP to the Asia Pacific region: Prof. Arun Somani (Singapore, Taiwan, Taipei), Bhumip Khasnabish (Bombay, Hyderabad, Kharagpur, Calcutta) and Qian Zhang (KL, Malaysia). The DSP by Heather E. Hudson was in Wellington, New Zealand Central.

Currently in the planning 5 DLTs and 1 Distinguished Speaker Program (DSP) for 2011 : Dr. Weihuang Zhuang for China (Beijing, Shanghai, Nanjing and Xian);   Prof. Qian Zhang   for Australia (Queensland, ACT and New South Wales) ;   Prof. Marco Chiani for India (Bombay, Bangalore, Hyderabad, Pune);   Dr. Roukas for Sri Lanka;Dr. Dihaela Vander Schaar for India (locations to be confirmed).   Dr. Jing Li's DSP to Beijing and Shanghai has been approved.

1.4   *ComSoc APRCCC Meet in Kyoto 2011*

Arrangements and financial support for the Asia Pacific ComSoc Chapter Congress to be held in Kyoto on the 9 June in conjunction with ICC 2011 were finalized and meeting announcement sent to all 41 ComSoc chapters in the Asia Pacific Region. CCC Vice Chair, Miki Yamamoto providing local support and Asia Pacific office staff, Fanny/Ewell assisting with the planning and coordination.   Budget under the control of APB treasurer, Dr. Eiji Oki.

1.5   *Global Communications Newsletter contributions*

One of the missions of ISC is to provide a liaison to or publish some article in the IEEE Global Communications Newsletter (GCN). Drs. Takaya Miyazawa and Kohei Shiomoto, two members of ISC, wrote the report of the APB general meeting which was held at Cape Town in conjunction with ICC2010. The report was published in the IEEE GCN in September 2010. This article introduces the contents of the APB general meeting, missions or action plans of each APB committee, and so on.

Asia Pacific office outreaches yearly to new ComSoc Chapter chairs for contact details and up-dates the Listserv for AP ComSoc chapter chairs. Through the monitoring of activities on the AP Comsoc chapter websites, Chapters are encouraged to submit worthwhile articles to the GCN for sharing. Since Jan 2010 to now, 15 articles have been accepted and published in the GCN.

			List of Articles Accepted by Global Communications Newsletter (GCN)		
No.	Issue	Month	Title of Articles	ComSoc Chapter	Submitted by
1	Issue 19	Jan-10	IEEE ComSoc Beijing Chapter Newsletter	Beijing	Chen Yang Yang
2	Issue 20	Feb-10	IEEE ComSoc Xi'an Chapter Inauguration	Xian	Jiandong Li
3	Issue 20	Feb-10	Recent activities of the Vietnam Chapter	Vietnam	Tran Xuan Nam

4	Issue 21	Mar-10	Activities of the IEEE ComSoc Nanjing Chapter	Nanjing	Nan Liu, Yueming Cai and Guangguo Bi
5	Issue 24	Jul-10	First Edition of Thai Telecommunications Encyclopedia	Thailand	Kamol Kaemarungsi and Keattisak Sripimanwat
6	Issue 26	Sep-10	Activities of the IEEE Comsoc Indonesia Chapter	Indonesia	Kuncoro Wastuwibowo
7	Issue 26	Sep-10	Report of the Asia Pacific Board General Meeting at Cape Town in Conjunction with ICC 2010	APB	Takaya Miyazawa & Kohei Shiomoto
8	Issue 27	Oct-10	42nd World Telecommunications and Information Society Day (WTISD) 2010 in Pune and Mumbay	Bombay	Avinash Joshi
9	Issue 27	Oct-10	Project iREACH: Informatics for Rural Empowerment and Community Health in Cambodia.	(Borhan)	Brian Unger, University of Calgary, Canada, Chea Sok Huor, iREACH Project Manager, Cambodia, and Helena Grunfeld, Victoria University, Australia
10	Issue 29	Dec-10	2010 China-Korea Joint Conference on Information and Communications	Xian	Jiandong Li
11	Issue 29	Dec-10	Message from the Asia-Pacific Director	AP ComSoc Director	Naoaki Yamanaka
12	Issue 30	Jan-11	The IEEE branch office re-locates in Singapore	IEEEAPO Office	Fanny Su and Ewell Tan
13	Issue 31	Feb-11	Distinguished Lecturer Tour of Bhumip Khasnabish in India	Hyderabad	Deergha Rao Korrai, Chair
14	Issue 32	Mar-11	Report on the 3rd International Conference On Advanced Infocomm Technology (ICAIT 2010)	Shanghai	Xinwan Li, Yikai Su
15	Issue 33	Apr-11	Distinguished Lecture Tour of Qian Zhang in Malaysia	Malaysia	Hafizal Mohamad and Borhanuddin Mohd Ali

1.6 *New Chapters in Asia Pacific*

In 2010, 8 new ComSoc Chapters were formed but 3 of these new Chapters was dissolved early 2011 as some anomalies were found in their petition forms. Total no. of ComSoc Chapters stands at 41.

The Communications Society the Asia Pacific 2010 Chapter Achievement award to the Calcutta ComSoc Chapter.

1.7 *AP Awards*

There were discussions at the last APB meeting to propose committee awards to include the following:

- AP Outstanding Achievement Award (APB-SC)
  - *To recognize ComSoc members in AP Region for their outstanding achievement, both technical and career, during the past 10 years*
  - *Every TWO year to award 1-2 person*
- AP Outstanding Paper Awards (APB TAC)
  - *To recognize ComSoc members who have published high-quality papers in ComSoc Journals or ComSoc-sponsored conferences held in AP region during the past 3 years*
  - *Every year to 3-5 papers and each applicant is requested to submit ONE his best paper to the committee*
- AP Outstanding Contribution Awards (APB MDC)
  - *To recognize ComSoc members in AP Region for their service activities and contributions for the success of their local chapters and regions*
  - *Every year to award 3-5 persons*
- AP Young Researcher Awards (APB TAC)
- Chapter Achievement Awards (APB CCC)

1.8 *Sister Society Agreements*

We continue MOUs with 7 national societies in the region:
- China Institute of Communications (CIC) - China
- The Chinese Institute of Electronics (CIE)- China
- The Institute of Electronics and Telecommunications Engineers (IETE) – India
- The Institute of Electronics, Information and Communications Engineers (IEICE)-CS - Japan
- The Korean Institute of Communication Sciences (KICS) - Korea
- Chinese Institute of Electrical Engineering (CIEE) - Taiwan
- The Radio and Electronics Association of Vietnam (REV) – Vietnam

1.9 *Re-location of ComSoc Asia Pacific office in Singapore*

The office has re-located to new office premises at:
No. 1, Fusionopolis Walk,
#04-07, South Tower, Solaris
Singapore 138628
Tel no: (65) 6778-2873
Fax no: (65) 6778-9723
Email: ieeeapo@pacific.net.sg

Fanny Su and Ewell Tan continues to provide support of APB Director and its committees, Asia Pacific ComSoc Chapters and its volunteer leadership, and members.

1.10 *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 **18 April 2011**)

Early this year, the Communications Society approved 2 DLTs and 1 Distinguished Speaker Program (DSP) to the Asia Pacific for 2011.
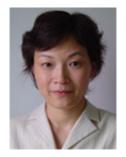
There are a few DLT programs still in the planning stages and we hope to obtain approvals for 3 more DLTs for the Asia Pacific Region by the end of this year.

2010 AP DLT #3: 9th – 13th December 2010

Lecturer: Qian Zhang

Hosting Chapter	2010 Chapter Chairs
Malaysia ComSoc Chapter	Hafizal Mohamad

This DLT were delivered at the following locations:-
1. **Malaysia – 10th December 2010 (Friday)**
   Venue: Suruhanjaya Komunikasi Dan Multimedia Malaysia (SKMM)
   Topic: "Advances in Cognitive Radio Networks"

2. **Malaysia – 10th December 2010 (Friday)**
   Venue: Kulliyyah of Engineering, International Islamic University Malaysia (IIUM)
   Topic: "Cooperation in Cognitive Radio Networks"

3. **Malaysia – 11th December 2010 (Saturday)**
   Venue: Faculty of Engineering, Universiti Putra Malaysia (UPM),
   Topic: "Wireless Sensor Networks and Applications"

Summary of Malaysia ComSoc Chapter's Report: Prof Qian Zhang (DLT)

Prof Qian Zhang of Hong Kong University of Science and Technology (HKUST) visited Malaysia 9th – 13 December 2010 for IEEE ComSoc Distinguished Lecture Tours (DLT). She delivered three different talks in three different places, on cognitive radio and wireless sensor networks in the space of a day and a half. Plans to host this event were initiated by the local Chapter in August 2010. The first talk titled "Advances in Cognitive Radio Networks" was held at Malaysian Commission of Multimedia and Communications (MCMC or SKMM in our own national language) on 10th December 2010 morning. It was conducted in collaboration with SKMM's Spectrum Research Collaboration Program. The talk was well attended, by 85 people, mainly came from the industry and some from universities. Prof Zhang delivered an inspiring lecture combining an overview of cognitive radio and highlighted research challenges in cognitive radio. She discussed how wireless stakeholders (regulators, equipment provider, content provider, licensed and unlicensed operators) have different perspective of cognitive radio. She also argued that both technology and economic (policy & marketing) aspects need to be well studied to understand the impact of cognitive radio for future wireless networks. The talk was followed with lunch sponsored by SKMM as we proceeded to UKM for the second talk of the day.
The second talk on "Cooperation in Cognitive Radio Networks" was conducted at Universiti Kebangsaan Malaysia, UKM (a public university) in the afternoon. There were 31 participants comprising of students and faculty members. Prof Zhang gave a research oriented presentation on both intra-network and inter-network cooperation in cognitive radio networks. She also highlighted some research directions related to dynamic spectrum access and cognitive radio.
The final talk of this grueling couple of days' series titled "Wireless Sensor Networks and Applications" was given in Universiti Putra Malaysa, UPM, another public university, in the morning of 11th December 2010. This university also hosts the National Centre of Excellence on Sensor Technology (NEST). Despite being a weekend, the talk was well attended; 32 of them with a mix of students, faculty and industry professionals

(15 IEEE members and 17 non-members), preceded with a breakfast. The talk focused on exploiting node mobility in wireless sensor networks, illustrated with her research applications. Major challenges for mobile sensor network, including localization, coverage and event collection, were explained in this talk. All the three talks were well received and generated a lot of interests among the participants which are all followed with about 30 to 40 minutes of Q&A. We would like to record our sincere appreciation to Prof Zhang, Ewell Tan of IEEE AP Office, local chapter committee, the 3 host organizations, and all those who had contributed their time and effort, direct and indirectly, to ensure the success of this DLT.

Written by Hafizal Mohamad (Malaysia ComSoc/VT Chapter Chair) and Borhanuddin Mohd Ali.

Prof Zhang delivering her first talk at SKMM.

Q&A session and some participants at SKMM.

Prof Zhang delivering her second talk at UKM.

Q&A session and some participants at UKM.

Prof Zhang delivering her third talk at UPM.

Q&A session and some participants at UPM.

2011 AP DLT #1: Scheduled Plan 12 – 29 October 2011

Lecturer: Weihua Zhuang

Hosting Chapter	2011 Chapter Chairs
Beijing ComSoc Chapter	Chenyang Yang
Xian ComSoc Chapter	Jiandong Li
Shanghai ComSoc Chapter	Xinwan Li
Nanjing ComSoc Chapter	Guangguo Bi

This DLT will be delivered at the following locations:-
1. **Beijing – 17th October 2011 (Monday)**
   Topic: "Cooperative Wireless Networking"

2. **Xian – 19th October 2011 (Wednesday)**
   Topic: "Cooperative Wireless Networking" OR "Cross-Layer Design for Vehicular Ad Hoc Networks"

3. **Shanghai – 24th October 2011 (Monday)**
   Topic: "Cooperative Wireless Networking" OR "Cross-Layer Design for Vehicular Ad Hoc Networks"

4. **Nanjing – 25th October 2011 (Tuesday)**
   Topic: "Cooperative Wireless Networking"

2011 AP DLT #2: Scheduled Plan 14 – 18 August 2011

Lecturer: George Rouskas

Hosting Chapter	2011 Chapter Chairs
Sri Lanka ComSoc Chapter	Dileeka Dias

The lecture topic of "Next Generation Internet" will be delivered at the following locations:-
1. **University of Colombo - 15 August 2011 (Monday)**
2. **University of Moratuwa - 16 August 2011 (Tuesday)**
3. **University of Peradeniya - 17 August 2011 (Wednesday)**

Distinguished Speaker Program (DSP)

Lecturer: Jin Li

Hosting Chapter	2011 Chapter Chairs
Shanghai ComSoc Chapter	Xinwan Li
Beijing ComSoc Chapter	Chenyang Yang

The topic of "Utility Maximization for P2P Applications and its Application in Optimizing Multi-party Conferencing" will be delivered at the following locations:-

1. **Shanghai – 18th April 2011 (Monday)**
   Venue: Shanghai Jiao Tong University

2. **Beijing – 22th April 2011 (Friday)**
   Venue: Beijing University of Aeronautics & Astronautics

Summary of Beijing ComSoc Chapter's Report

We publicize the title of the lecture and the biography of Dr. Jin Li to IEEE ComSoc members of Beijing Chapter via emails one week before the lecture. Even though it was raining during the day, there were more than 20 people attended the lecture, where some are students and some are industry researchers. The audience asked many questions and actively responded to various questions raised by Dr. Li. Including the questions and answers, the whole lecture was about two hours. After the lecture, some of the audience showed interests and asked for his slides.
The DSP topic is very timeliness and is highly relevant. Dr. Li is an excellent speaker, who is strong in his technical background had and who is good at drawing attention of the audience. He has given a nice presentation.

Written by Prof. Chenyang Yang, Beijing ComSoc Chapter Chair

We are pleased to be informed that the ComSoc funding for the DLT program this year has been increased. We hope this motivates more chapters to host DLT programs for the benefit of their local members.

In order to enhance globalization efforts, hosting chapters that organize DLTs and select lecturers from "other" ComSoc regions where international travel is required, ComSoc will approve between $1,500 and $2,000 per tour. Not more than two or three tours of this type will be approved per Region. Whereas, for hosting chapters that organize DLTs and choose a lecturer from the same ComSoc region, ComSoc will approve not more than $1,000 per tour.   However, ComSoc will approve minimal additional allocation on a case-by-case basis.

We would like to thank the AP chapters for actively participating in the DLT programs and also a big thank you to the lecturers for sharing their knowledge and expertise with our members in the Asia Pacific Region.

II. Committee Activity Reports

2.1 *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 Activities (Dec.2010-May.2011)

- Paper media
  - Planning to Publish and distribute the AP Newsletter
  - Submitting an article to the IEEE Global Communication Newsletter (GCN).
- Electronic media
  - Update of the website of AP region:
    - Call for Papers for the World Telecommunications Congress
    - Change of the location of APB Support Office
    - Upcoming conferences in AP region

ISC Action Plan

- To set an access counter in the website
- Announcement of the mailing lists,
and so on.

III. Upcoming conference

- *IEEE CCNC 2012*

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

08-11 January 2012, Las Vegas, Nevada, USA

Paper submission:	3 June 2011
Acceptance Notification:	3 September 2011
Camera-Ready Papers:	30 September 2011

- *IEEE INFOCOM 2012*

http://www.ieee-infocom.org/2012/

25-30 March 2012, Orlando, Florida USA

Abstract submission:	22 July 2011
Full paper submission:	29 July 2011
Acceptance Notification:	21 November 2010
Camera-Ready Papers:	To be announced

- *IEEE WCNC 2012*

http://www.ieee-wcnc.org/2012/

01-04 April 2012, Paris, France

Paper submission:	12 September 2011
Notification of Acceptance:	9 December 2011
Camera-Ready Submission:	16 January 2012

- ***Calendar of Comsoc***

Conference Name	Conf Date	CITY	CTRY	CFP Deadline
LATINCOM 2011	2011-10-26 ~ 2011-10-28	Belém	BR	2011-06-15 (All day)
COMCAS 2011	2011-11-07 ~ 2011-11-09	Tel Aviv	IL	2011-06-15 (All day)
WCSP 2011	2011-11-09 ~ 2011-11-11	Nanjing	CN	2011-07-15 (All day)
ICSPCS 2011	2011-12-12 ~ 2011-12-14	Honolulu	USA	2011-06-30 (All day)
IEEE CCNC 2012	2012-01-08 ~ 2012-01-11	Las Vegas	USA	2011-06-03 (All day)
IEEE RWS 2012	2012-01-15 ~ 2012-01-19	Santa Clara	USA	2011-07-08 (All day)
WTC 2012	2012-03-05 ~ 2012-03-06	Miyazaki	JP	2011-07-15 (All day)
IEEE INFOCOM 2012	2012-03-25 ~ 2012-03-30	Orlando	USA	2012-07-22 (All day)
IEEE ISPLC 2012	2012-03-27 ~ 2012-03-30	Beijing	CN	2011-10-28 (All day)
IEEE WCNC 2012	2012-04-01 ~ 2012-04-04	Paris	FR	2011-09-12 (All day)
IEEE/IFIP NOMS 2012	2012-04-16 ~ 2012-04-20	Maui	USA	2011-09-01 (All day)