



Asia Pacific Region

AP Newsletter No.27 May 2005
Official newsletter of ComSoc Asia Pacific Board

www.comsoc.org/~apb

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I. Hot Topic

1. Message from AP Director, Iwao Sasase

As an Asia Pacific (AP) Director of Asia Pacific Board (APB) during 2004-2005, I have been very happy to work

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with many active ComSoc members in AP region. First, I would like to express my gratitude for all of the APB officers as well as many earnest volunteers involved in the APB related activities. With their contributions, the AP region is recognized as one of the most active regions in terms of academic and industrial activities for communication technologies. I did my best to activate APB functions and provide better services to all AP regional members. We have many excellent activities in 2004, such as 2004 AP Regional Chapters Chair Congress (AP RCCC), The 2nd Asia-Pacific Young Researcher Award, Student Travel Grants (STGs), and Distinguished Lecturer Tours (DLTs) in AP region.

AP RCCC was held on 28 August in Beijing, China. The number of attendees was 23 including ComSoc President Curtis Siller, ComSoc VP – Membership Development Alex Gelman, ComSoc Director - Membership Programs Pierre Perra, AP Director Iwao Sasase, 7 Asia Pacific Board officers, and 12 out of the 25 AP Regional Chapter Chairs.

The IEEE ComSoc APB selected the 2nd Asia-Pacific Young Researcher Award in 2004. The winners are Dr. Qian Zhang (Microsoft Research Asia, China) as Best Young Researcher, Dr. Ki-Dong Lee (ETRI-Digital Broadcasting Research Division, Korea), Jia-Chin Lin (National Chi-Nan University, Taiwan) and Naoki Wakamiya (Osaka University, Japan) as Outstanding Young Researchers, respectively.

47 students won the STGs from AP region during 2004 and April 2005. 30 students won STGs in 2004, that is, 14, 5, and 11 students for ICC2004, WCNC2004, and GLOBECOM2004, respectively. Also, up to now, 17 students won STGs, that is 3, 7, 2 and 5 students for ICC2005, WCNC2005, INFOCOM2005 and CCNC2005, respectively.

We had 4 DLTs in AP region in 2004 such as Javan Erfanian in Thailand / Malaysia / Singapore in June, Andrzej Jajszczyk in Australia in August as well as in India in October, and Sergio Verdu in Singapore / Beijing / Hong Kong in December. We will have 4 DLTs in AP region such as KK Ramakrishnan in India in May, Zygmunt Haas in Australia in September, Javan Erfanian in China / Singapore / Taipei in October, and Andrzej Jajszczyk in New Zealand in August.

I continue my best to activate APB functions and provide better services to all AP regional members, and I ask your stronger support and more contribution in 2005. I sincerely hope that APB will provide members more timely and useful information by our Home Page <http://www.comsoc.org/%7Eapb/> and AP Newsletter, and I expect that more volunteers in the AP region will join APB activities.

2. Distinguish Lecture Tour

4 DLTs for the Asia Pacific have been approved by ComSoc for 2005 as follows:

- DLT #1: Zgymunt Haas to Brisbane (Queensland), Adelaide(South Australia), Perth (Western Australia) in conjunction with APCC'05 in Perth over period 25 Sept-3 Oct 2005
- DLT #2: Javan Erfanian: Beijing (China), Singapore, Taipei over period 7-16 Oct 2005
- DLT #3: KK Ramakrishnan: India (Southern cities in India i.e Bangalore, Bombay, Kerala - Cochin & Trivandrum) over period 26 May - 24 June 2005
- DLT #4: Andrzej Jajszczyk to New Zealand North (Auckland) and South (Christchurch and Palmerston North) over the period 19 Aug to 5 Sep 2005

II. Committee Activity Repots

A. Technical Affair Committee (TAC) Report

2nd Asia Pacific Young Researcher Award Winner

The 2nd Asia Pacific young researcher award winner and outstanding young researchers were selected from all applicants by the selection committee. The winner and outstanding young researchers are as follows,

2nd Asia Pacific young researcher award winner:



Dr. Qian Zhang

Qian Zhang is a researcher at Microsoft Research Asia, where she manages the wireless and networking group. She received her Ph.D. in computer science from Wuhan University, China, in 1999. Dr. Zhang has published about 90 refereed papers in international leading journals and key conferences. She is the inventor of about 30 pending patents. Her current research interest includes next-generation wireless networks, multimedia delivery over wireless/Internet, P2P network/ad hoc network. Dr. Zhang is the Associate Editor for IEEE Transactions on Vehicular Technologies. She

has recently received TR 100 (MIT Technology Review) world's top young innovator award. She is a senior member of IEEE.

Outstanding young researchers:



Dr. Ki-Dong Lee

Ki-Dong Lee received the Ph.D. degree in operation research and industrial engineering from the Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea, in 1995, 1997, and 2001, respectively. He has been with the Digital Broadcasting Research Division, Electronics and Telecommunications Research Institute (ETRI), Daejeon, Korea, as a Senior Member of Engineering Staff since his graduation from KAIST. At ETRI, he has been actively involved with development of interactive multimedia satellite networks. His research interests include economics, queuing theory, optimization theory and their applications.



Dr. Jia-Chin Lin

Jia-Chin Lin (S'95-M'98-SM'03) received the B.S. and M.S. degrees from the Department of Electronics Engineering, National Chiao-Tung University, Hsin-Chu, Taiwan, in 1994 and 1995, respectively, and the Ph. D. degree from National Taiwan University, Taiwan, in 1998. He was in the obligatory duty of military service from Jul. 1998 to Mar. 2000. Then, he joined the Microelectronics and Information Systems Research Center, National Chiao-Tung University, Taiwan, as a Research Scientist. Since Feb. 2001, he joined the Department of Electrical Engineering, National Chi-Nan University, Puli, Nantou, Taiwan, R.O.C., as an assistant professor. His research interests include wireless transceiving technologies, signal processing, and synchronization techniques.



Dr. Naoki Wakamiya

Naoki Wakamiya received the M.E. and Ph.D. degrees from Osaka University, Japan, in 1994 and 1996, respectively. He was a Research Associate of Graduate School of Engineering Science from April 1996 to March 1997, a Research Associate of Educational Center for Information Processing from April 1997 to March 1999, and an Assistant Professor of Graduate School of Engineering Science from April 1999 to March 2002. Since April 2002, he has been an Associate Professor of Graduate School of Information Science and Technology, Osaka University. His research interests include multimedia QoS architecture, mobile ad-hoc networks, sensor networks, and overlay networks.

Award ceremony will be held at the award luncheon and the APB meeting at ICC2005 on May 17, 2005.

B. Meeting and Conferences Committee (MCC) Report

(1) Support IEEE ComSoc meetings and conferences in the AP region

APB sponsored conferences such as APCC, ICCS, and ICACT were held in Asia Pacific region. Here is the list of the sponsored conferences.

- ICME 2004 (06/27/04-06/29/04) Taipei, Taiwan <http://www.icme2004.org>:
- ICCAS2004 (06/27/04-06/29/04) Chengdu, China <http://icccas04.uestc.edu.cn>
- HEALTHCOM (06/28/04-06/29/04) Odawara, Japan <http://www.ets8.jp/healthcom2004/>
- OECC/COIN2004 (07/12/04-07/16/04) Kanagawa, Japan
<http://edpex104.bcasi.or.jp/oecc-coin/>
- APCC/MDMC2204 (08/29/04-09/01/04) Beijing, China <http://www.apcc2004.org/>
- ISSSTA2004 (08/30/04-09/02/04) Sydney Australia <http://www.isssta2004.org/>
- ICCS2004 (09/06/04-09/09/04) Singapore <http://www.i2r.a-star.edu.sg/iccs2004-06-04>

- WTC/ISS2004 (09/12/04-09/15/04) Seoul, Korea <http://www.wtc2004.org/>
- IPOM2004 (10/11/04-10/13/04) Beijing, China <http://www.bupt.edu.cn/quick/link/ipom/>
- APOC2004 (11/07/04-11/11/04) Beijing, China <http://spie.org/app/conferences/>
- ISPACS2004 (11/18/04-11/19/04) Seoul, Korea <http://www.ispacs2004.org/>
- REV2004 (11/26/04-11/27/04) Hanoi, Vietnam <http://www.netnam.vn/REV04/>
- ICPWC2005 (01/23/05-01/25/05) New Delhi, India <http://www.elitexindia.com/icpwc2005/>
- ICACT 2005 (02/21/05-02/23/05) Phoenix Park, Korea, <http://icact.nca.or.kr>

(2) Coordinated upcoming IEEE meetings and conferences in the AP region

- HPSR'05 May 12-14, 2005 / Hong Kong, P. R. China, <http://www.cs.ust.hk/hpsr05/>
- ICC 2005 May 16-20, 2005 / Seoul, Korea, <http://www.icc05.org>
- COIN 2005 May 29 - June 2 / China, <http://219.153.62.92/COIN2005>
- HEALTHCOM 2005 June 23-25, 2005 / Busan, Korea, <http://www.healthcom2005.org/>
- ITRE 2005 June 27-30, 2005 / Hsinchu, Taiwan, <http://wire.cs.nthu.edu.tw/itre2005/>
- OECC2005 July 4-8, 2005 / Seoul, Korea, <http://www.oecc2005.org/>
- MAPE2005 Aug. 8-12, 2005 / Beijing, China, <http://www.cie-china.org/MAPE2005/>
- WCNM2005 Sept. 23-26, 2005 / Wuhan, China, <http://sub.whu.edu.cn/WCNM2005/>
- APNOMS 2005 Sept. 27-30, 2005 / Okinawa, JAPAN, <http://www.apnoms.org/2005/>
- APCC 2005 Oct. 3-5, 2005 / Perth, Western Australia, <http://www.apcc2005.com>
- ICACT 2006 Feb. 20-22, 2006 / Phoenix Park, Korea, <http://icact.nca.or.kr>

(3) Performed statistical analyses for the INFOCOM, and GLOBECOMM

The numbers of papers presented in INFOCOM2004 and Globecom2004 from Asia-Pacific region are 24 and 163, which correspond to 9.2% and 20.16% of the whole presentations, respectively. Among Asia-Pacific countries, Korea, China, and Japan did quite well in Globecom2004 held in USA, each with 23, 30, 33 presentations. As a result, AP region followed American region in the number of Globecom2004 papers. Detailed statistics of INFOCOM2004 and Globecom2004 are shown in the following table.

AREA	INFOCOM 2004	[%]	GLOBECOM 2004	[%]
AUSTRALIA	1	0.40%	18	2.28%
CHINA	7	2.70%	30	3.79%
HONG KONG	7	2.70%	14	1.77%
INDIA	1	0.40%	12	1.52%
JAPAN	1	0.40%	33	4.17%
KOREA	2	0.80%	23	2.91%
NEW ZEALAND			1	0.13%
SINGAPORE	2	0.80%	18	2.28%
TAIWAN	3	1.10%	13	1.64%
THAILAND			1	0.13%
ASIA PACIFIC	24	9.20%	163	20.61%
ARGENTINA			5	0.63%
BRAZIL			6	0.76%
CANADA	6	2.30%	89	11.25%
MEXICO	1	0.40%	0	0.00%
US	192	73.60%	386	48.80%
AMERICAN CONTINENT	199	76.20%	486	61.44%
AUSTRIA			5	0.63%
BELGIUM			6	0.76%
FINLAND			6	0.76%
FRANCE	11	4.20%	18	2.28%
GERMANY	3	1.10%	15	1.90%
GREECE	1	0.40%	8	1.01%
IRELAND			3	0.38%
ITALY	5	1.90%	28	3.54%
NETHERLANDS			1	0.13%
NORWAY			2	0.25%
POLAND	1	0.40%	2	0.25%
PORTUGAL			2	0.25%
SPAIN			10	1.26%
SWEDEN	2	0.80%	8	1.01%
SWITZERLAND	4	1.50%	4	0.51%
UK	2	0.80%	12	1.52%

AREA	INFOCOM 2004	[%]	GLOBECOM 2004	[%]
DENMARK			1	0.13%
EUROPE	29	11.10%	131	16.56%
HUNGARY			4	0.51%
Czech republic			2	0.25%
TURKEY			1	0.13%
EAST EUROPE & RUSSIA			7	0.88%
ISRAEL	9	3.40%	1	0.13%
KUWAIT			1	0.13%
South Africa			1	0.13%
LEBANON			1	0.13%
MIDDLE EAST & AFRICA	9	3.40%	4	0.51%
TOTAL	261	100.00%	791	100.00%

(4) Performed statistical analyses for the ICC2004 and ICC2005

The numbers of papers presented in ICC2004 and ICC2005 from Asia-Pacific region are 197 and 202, which correspond to 23.1% and 35.1% of the whole presentations, respectively. This means that the number of the papers from Asia-Pacific region is continuously increasing. Among Asia-Pacific countries, Korea, China, Taiwan, Japan, and Singapore did quite well in ICC2005 held in Seoul, Korea. Detailed statistics of ICC2005 are shown in the following table.

No.	AREA Name	qty
1	Argentina	1
2	Australia	17
3	Austria	5
4	Bahamas	1
5	Belgium	9
6	Brazil	1
7	Canada	66
8	China	33
9	Colombia	1
10	Denmark	2
11	Finland	5
12	France	9

No.	AREA Name	qty
13	France (Metropolitan)	1
14	Germany	26
15	Greece	6
16	Hong Kong	19
17	Hungary	1
18	India	6
19	Israel	1
20	Italy	26
21	Japan	26
22	Republic of Korea (ROK)	35
23	Lebanon	1
24	Malaysia	2
25	Netherlands	1
26	New Zealand	3
27	Norway	2
28	Pakistan	1
29	Poland	2
30	Singapore	24
31	Slovenia	1
32	South Africa	2
33	Spain	10
34	Sweden	7
35	Switzerland	2
36	Taiwan	32
37	Thailand	5
38	Turkey	2
39	US Minor Outlying Islands	1
40	United Kingdom	12
41	United States	167
42	Iran	2
	TOTAL	576

(5) Performed statistical analyses for the ICACT 2004 and ICACT2005

The number of papers presented in ICACT2005 from Asia-Pacific region is 243, which is 90.3% of whole presentation. Compared with ICACT2004, the total number of papers presented has been increased from 183 to 269, and also the number of papers from Asia-Pacific region has been increased from 171 to 243, but the ratio of AP regional papers has been decreased from 93.4% to 90.3%. It means that ICACT is still dominated by AP regional countries, but it is now turning into more internationalized global conference. Among Asia-Pacific countries, the ratio of Korea, China and Taiwan is 80.7%, and the ratio of other countries in Asia is 9.7%. The ratio of Europe region is 5.2%, which is increased about 2 times comparing to that of last year. It proves that Asia-Pacific region is trying to improve the regional conferences as well as major international conferences. Detailed statistics of ICACT2004 and ICACT2005 are shown in the following table.

AREA	ICACT2004	[%]	ICACT2005	[%]
AUSTRALIA	3	1.6%	2	0.7%
CHINA	18	9.8%	22	8.2%
HONG KONG			2	0.7%
INDIA	2	1.1%	4	1.5%
INDONESIA	1	0.5%		
ISRAEL			1	0.4%
JAPAN	1	0.5%	6	2.2%
KOREA	121	66.1%	177	65.8%
Oman			2	0.7%
PAKISTAN	1	0.5%	3	1.1%
SINGAPORE	1	0.5%		
TAIWAN	12	6.6%	18	6.7%
THAILAND	5	2.7%	6	2.2%
VIET NAM	2	1.1%		
ASIA PACIFIC	171	93.4%	243	90.3%
CANADA	1	0.5%	2	0.7%
US	1	0.5%	2	0.7%
AMERICAN CONTINENT	2	1.1%	4	1.5%
DENMARK	1	0.5%	4	1.5%
FINLAND			3	1.1%

AREA	ICACTION2004	[%]	ICACTION2005	[%]
FRANCE			2	0.7%
GERMANY	2	1.1%	2	0.7%
GREECE	1	0.5%	1	0.4%
UK	1	0.5%	2	0.7%
EUROPE	5	2.7%	14	5.2%
BELARUS	1	0.5%		
RUSSIA			1	
EAST EUROPE & RUSSIA	1	0.5%	1	0.4%
ISRAEL			1	0.4%
IRAN	3	1.6%	3	1.1%
OMAN			2	0.7%
TURKEY	1	0.5%		
EGYPT			1	0.4%
MIDDLE EAST & AFRICA	4	2.2%	7	2.6%
TOTAL	183	100.0%	269	100.0%

III. Upcoming Conferences in AP Region

- A.** 7th International Workshop on Enterprise Networking and Computing in Healthcare Industry (HEALTHCOM 2005)
- June 23-25, 2005 / Busan, Korea
- B.** The 8th Asia-Pacific Network Operations and Management Symposium – Toward Managed Ubiquitous Society (APNOMS 2005)
- September 27-30, 2005 / Okinawa Convention Center, Okinawa, JAPAN
- C.** The 11th Asia-Pacific Conference on Communications (APCC 2005)
- October 3-5, 2005 / Perth, Western Australia
- D.** 2005 IEEE Workshop on High Performance Switching and Routing
- May 12-14, 2005 / Hong Kong, P. R. China

E. IEEE International Conference on Communications (ICC 2005)

- May 16-20, 2005, Seoul, Korea

F. 3rd International Conference on Information Technology: Research & Education (ITRE 2005)

- June 27-30, 2005 / Hsinchu, Taiwan

IV. Call for Paper in Coming Major Comsoc Conferences

A. CCNC 2006

- January 7-10, 2006 Las Vegas, NV

Submission Deadline	15 June 2005
Notification of Acceptance	1 September 2005
Camera-Ready Papers Due	15 October 2005

B. ICC 2006

- June 11-15, 2006 Istanbul, Turkey

Submission Deadline	15 September 2005
Notification of Acceptance	31 December 2005
Camera-Ready Papers Due	15 February 2006