



ASIA PACIFIC REGION

AP Newsletter No.19, June 2001

The official newsletter of ComSoc Asia Pacific Board

<http://www.comsoc.org/~apb/>

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Editorial Message by Tomoaki Ohtsuki

Welcome to the 19th issue of the COMSOC AP Newsletter. This newsletter is published twice a year for our regional members. The past issues are available from our AP Homepage: <http://www.comsoc.org/~apb> In our newsletter, you can find much useful information on AP Best Paper Award, Student Travel Grant, Conference Reports, and so on. We are always talking about what our AP regional members want to read.

Newsletter is for our AP regional members, its articles are written by people who are interested in the AP region. We need your contributions of articles on news and activities in your respective countries to be truly a AP Newsletter.

Please send us your comments and articles. We really want to hear from you.

We also want you to attend our meeting and our AP activity, because APB is a kind of volunteer group actively working for COMSOC especially for AP region. We are looking forward to seeing you.

Tomoaki Ohtsuki, Editor

Hot Topics

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2. DL tour report by Ms. Fanny Su

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8. "Get IEEE 802" Program Provides Public Access to Networking Standards

1. APB Director's Message by Naohisa Ohta

Dear all,

It has been more than one year since I was appointed as the Director of AP Region, ComSoc. Thanks to all members' technical activities, we (APB) acted very well in 2000. We fostered provision of COMSOC's technical and information services to AP members and promoted members' participation in the COMSOC activities through technical committee activities. We also reflected the interest of AP members in establishing policies and procedures of COMSOC through a chapter chairs meeting and APB meetings. As for students, we supported COMSOC in selecting Student Travel Grants (STG) recipients. We have given the grants to as many as 47 students this year. I do appreciate all of you for your supporting me and for your active participation in regional COMSOC activities.

I would like to point out two remarkable activities for your reference.

1. AP Regional Chapter Chairs Congress 2000

Last year we held the second AP Regional Chapter Chairs Congress (AP-RCCC) during APCC2000. It was a very fruitful meeting and we should consider holding it regularly unless Global Chapter Chairs Congress is scheduled. (GCCC is scheduled during Globecom2001 so AP-RCCC will not be held this year)

Half of chapter chairs in AP region participated in the discussion last year. The presentation files used at the meeting will be available at AP Home Page (<http://www.comsoc.org/~apb>). Suggestions from Chapter Chairs include: (1) It is very nice to hold this meeting regularly, say once every two years, so that chapter chairs and COMSOC officers can understand what they have to do to improve COMSOC regional activities, (2) It is desirable to have a clear COMSOC's Funding Policy for regional chapter activities, (3) It is desirable that regional chapters know how to request Distinguished Lecturer Tours (DLTs) and who are interested in visiting the region well in advance in each year since there are only limited number of DLs available to visit that region, (4) Chapter chairs want to attend technical sessions of the conference where RCCC is held, etc. Most of comments have been incorporated in new procedures in COMSOC for improvement.

2. New proposal on APB's "Best Young Researcher's Award"

We had intensive discussions on this new proposal last year. COMSOC Headquarter gave us a green signal for establishing an Award in this direction. The basic idea is to encourage and recognize active young researchers in AP region. The detailed will be give by APB-TAC chair, Dr. Naoaki Yamanaka later soon.

Thank you in advance for your continuous support for enhancing services for AP regional COMSOC members.

Sincerely,
Naohisa Ohta
AP Director, COMSOC

2. Distinguished Lecturer Tour Report by Fanny Su

Series of 2000/2001 DLTs by Dr. Vijay Bhargava and Dr. Salah Aidarous

Dr. Vijay Bhargava and Dr. Salah Aidarous have kindly agreed to conduct a series of DLTs in the Asia Pacific for us which started in Dec 2000 and extends into year 2001. Dr. Vijay Bhargava is from the University of Victoria, Canada and is on a year's sabbatical with the Hong Kong University of Science and Technology. Dr. Salah Aidarous is the Director of product planning working on the management of 3G wireless and IP-based networks at NEC.

DLT#1 Dr. Vijay Bhargava covered Kuala Lumpur(Malaysia) 11 Dec 2000, and Singapore 12 Dec 2000 on his way to India.

Kuala Lumpur 11 Dec 2000: The technical talk on "Capacity Enhancement and Enabling Techniques for Next Generation CDMA Wireless Systems" was held at the Seminar Hall, Faculty of Engineering, Universiti Putra Malaysia at 2.30 to 4.30 pm. Some 40 people comprising of lecturers, graduate students, representatives of the telecommunications industries, and the government regulatory bodies attended the talk.

Professor Bhargava highlighted some important landmarks in the advancement of electrical and communications technology on the development of the wireless communications. This started from the so called 0G when wireless communications was essentially comprised of one large antenna radiating a large area of coverage, through the 2G analogue cellular concepts which revolutionized the wireless communications industry somewhat. He then highlighted important development in the GSM and related technologies and eventually to the 3G and a preview of what's coming in the future (4G).

He touched on several approaches in which the capacity of the cellular system could be enhanced and then expounded on several issues that are being addressed by the communications industry in order to enhance the capacity of the system.

The talk was well received and the ensuing discussion session was a very lively one. Several questions were raised and some important points were shared.

Singapore 12 Dec 2000: The DLT was jointly organized by IEEE Communications Chapter (Singapore) and Network Technology Research Centre (NTRC).

Prior to the lecture, arrangements were made for Dr Bhargava to visit NTRC. Later he gave a 90-minute lecture in Lecture Theatre 23, School of Electrical & Electronic Engineering, Nanyang Technological University (NTU). The topic of the technical presentation was "Wireless Internet Access Based on IMT 2000/Wireless LAN."

The DLT was well received and attended by an audience of about 100 people from a good mix of academia and industry.

DLT#2 Dr. Vijay Bhargava covered Hong Kong 8 Mar 2001

As a visiting professor to The Hong Kong University of Science and Technology, it was appropriate that Dr. Vijay Bhargava gave a technical presentation upon the request from the Hong Kong

CAS/COM Joint Chapter. The lecture was hosted by the University of Hong Kong with the Student Branch of the University of Hong Kong helping out in the logistics of the lecture.

The topic on Harmonization of Global Third Generation Mobile System was held at 6-7p.m, Room 603, Chow Yei Ching Bldg, The University of Hong Kong.

His talk provided a comprehensive overview of the world-wide harmonization efforts for the standardization of 3G terrestrial mobile communication systems, and summarized the current status of the technical specifications within 3G partnership projects.

Prof Bhargava's distinguished lecture was attended by over 100 people, from a mixture of background. About half of the audience was from the host university (HKU), undergraduates, graduate students and professors, from Computer Science as well as Electrical and Electronic Engineering. The other half consists of people from industry and academia.

Vijay gave a very interesting talk on the subject, with a lot a analogy which made the talk very lively. The lecture was well received by the audience, as demonstrated by the large number of questions and positive comments raised afterwards.

Many members of the audience agreed that it is one of the most enjoyable and high quality DL to be held so far in Hong Kong.

DLT#3 Dr. Salah Aidarous will cover Thailand (Bangkok), Malaysia (Kuala Lumpur) and Singapore over 30 June - 8 July 2001 on the topic of "IP Impact on the Evolution of Telecommunications Networks". The 2 hour technical talk will be given on the 2 July in Bangkok, on the 4 July in Kuala Lumpur and on the 6 July in Singapore.

Abstract of the Technical Presentation

IP has become one of the major objectives in both telecom and computing industries. Service providers are faced with difficult choices in public network modernization and evolution, to introduce IP-based services, in order to maintain their competitiveness and protect their market share. The presentation examines the technology triggers and the challenges facing service providers in evolving their current network infrastructure to offer IP-based services while maintaining their competitiveness, taking into consideration their business, technology and management requirements. It describes what need to be managed, both from a network and service perspectives, and the challenges facing the industry to provide the appropriate management solutions. One major challenge is to move from a technology-oriented to a business/service-oriented approach in dealing with the management of the networks and the services provided by them. Several management paradigms have been developed, and are being deployed with different degrees of maturity. From an IP-based networks and services perspective, management solutions are still at the conceptual state, and more work is needed. Another important challenge is the need to build the business case for these management solutions to avoid facing service providers resistance to implement them. In addition, they should enable the smooth evolution from the current multi-domain environment to an integrated end-to-end management infrastructure while preserving the current investment in network and operations management systems. Potential opportunities to exploit existing technologies to enable the management and integration of the two worlds are also addressed.

The venue and time will be publicized by the Chapters when they have been confirmed.

DLT#4 Dr. Vijay Bhargava will cover Australia over 4 - 12 Sept 2001. The Sections/Chapters hosting the DLT are North Queensland Section (Townsville), New South Wales Chapter (Sydney), Joint ComSoc/Signal Processing ACT Chapter (Canberra), Victorian Chapter (Melbourne). Dr. Vijay Bhargava will be able to present on the topics of “ Wireless Internet Access using IMT-2000/Wireless Local Area Networks”, “ Harmonization of Global Third Generation Mobile Systems” and “ Capacity Enhancement and Enabling Technologies for Third Generation Mobile Systems”, and to tailor to his hosts’ preferences. Details will be firmed up in July.

DLT#5 Dr. Salah Aidarous will cover Hong Kong, Victoria (Melbourne) and South Australia (Adelaide) over 16 – 25 Sept. Details will be firmed up in July.

DLT#6 Dr. Vijay Bhargava is tentatively scheduled to cover several Chapters (Delhi, Calcutta, Madras and Hyderabad) in India around Nov 2001. Details of the DLT will be worked out with the Indian Council at a later date and announced in the next AP Newsletter.

For year 2001, the Asia Pacific ComSoc Chapters have taken up the full allocation of 5 DLTs for the Asia Pacific Region. For Chapters who have yet to use the DLTs to stimulate local activities, we would like your Chapter to plan ahead and register your interest for year 2002 DLTs when we next meet at the ComSoc Global Chapter Chairs Congress(GCCC) in San Antonio, Texas over 25-28 Nov 2001. The Asia Pacific Board will have a dinner meeting for Asia Pacific Chapter Chairs on the 26 Nov evening. We look forward to seeing our Chapter chairs there.

Fanny Su (Manager)
IEEE Asia Pacific Operations Centre/
Communications Society Office

3a. Technical Affairs Committee Report by Dr. Naoaki Yamanaka and Dr. H. Hasegawa

Status of APB Best Paper Award

According to “APB Best Paper Award Guidelines”, the best paper will be selected from papers submitted to APCC2001. The selection process is as follows;

- (1) 10 papers will be selected according to the review scores.
- (2) The joint award committee will read all 10 papers and vote.

The award committee members are as follows;

- <From APCC 2001 TPC> 3 members (T.B.D.)
- <From IEEE APB> 3 members (Director, TAC Chair, and TAC Secretary)

The award ceremony will be held during the APCC banquet.

TAC has proposed to the APCC 2001 committee that there should be a joint award at APCC in Nagoya Japan next year. We have started to discuss this issue with APCC TPC.

Status of Business Application Session@ICC2001 (Helsinki)

For ICC2001@Helsinki, TAC is planning to organize a BAS session on mobile Internet technologies. Since the BAS session in the last ICC was so successful, the discussion will be expanded to cover the world. The mobile Internet seems to be more popular in the Asia Pacific Area other regions.

Date & time: June 12 (Tue) 10:30-12:00

Title: "Mobile Internet Technologies and Services"

Chairman: Prof. Takeshi Hattori (Sophia University)

Organizer/Co-chair Dr. Naoaki Yamanaka (IEEE ComSoc. APB)

Speakers: Takeshi Natsuno (NTT DoCoMo), Toshiro Suzuki (Hitachi), Shuntarou Yamazaki (NEC), and TBD (Nokia)

"The third generation mobile system utilizes new technologies to satisfy various user demands. IMT-2000 aims to increase the packet transmission rate to 384kbps for pedestrian environments. HDMO has been proposed as the user-interface to browse information through mobile handsets. This session invites key persons from worldwide development organizations tackling mobile Internet access to discuss system configurations, new service-related-technologies, development of multimedia terminal devices, and field test results."

"APB Best Young Researcher's Award" (3rd proposal)

According to the San Francisco APB meeting, final "APB Best Young Researcher's Award" has been proposed. The award allows all young engineer/researchers who are under 35 years old to be candidates. The 2001 award will be posted on the APB WWW homepage and printed in the IEEE magazine.

Dr. Naoaki Yamanaka

AP Technical Affairs Committee Chair

3b. Chapters Coordination Committee Report by Prof. Borhanuddin Mohd Ali

For the past few months, the Chapter Coordination Committee (CCC) has been busy handling the following items:

Distinguished Lecture Talks

Global Communications Chapter Congress, St Antonio, USA.

Distinguished Lecture Talk:

Six DLTs have been approved for 2000 and 2001. They will be delivered by 3 DLs; KK Ramakrishnan, Vijay Bhargava and Salah Aidarous. KK Ramakrishnan covered India in Aug 2000.

Vijay Bhargava who covered Malaysia and Singapore in Dec 2000, followed by India. He is later due to visit Australia in September. In between he managed Hong Kong, the place where he is spending his time these days. Vijay's talk has been well received where he generally talked around the topics of Enhancement of Capacity of Wireless Networks and the Wireless Internet Access.

Salah Aidarous who is due to visit Thailand, Malaysia and Singapore in early July, and later on to Hong Kong and Australia in September. He is expected to talk on the Impact of IP on the Evolution of Telecommunications Networks.

DLTs is one program that has been specially formulated to give direct benefits to members in the chapter. Chapter Chairs could request for specific speakers from the list available at the ComSoc

websites. What they need to do is to try to coordinate with a few neighbouring Chapters so that the speakers trip could be better utilized. The main traveling expenses of the speakers are sponsored by ComSoc but the Chapters are expected to take care of their local expenses like food and lodgings, and their ground transport. With these DLTs, Chapters could organize talks for the general interest of the members, or even organizing 1 day tutorial for more in-depth coverage of a particular topic. A fee could be levied for the benefit of the organising Chapter. The AP office in Singapore would be available to manage the DLTs.

The Distinguished Lecturer Program goes Electronic

The Electronic Distinguished Lecturer Program is now available on the web and from a CD-ROM lending library. This pilot program was designed to help Chapters include more technical content in meetings at minimal expense. Each lecture is recorded in Spanish or English and consists of PowerPoint Slides and a 45 minute spoken lecture. The lectures will be on-line until June 2001 at <http://www.ieee.org/organizations/tab/dlmain.html>.

The three lectures currently available are:

- * "Power Control for Wireless Data" David Goodman – Communications Society
- * "Restructuring and Its Impact on the Cost and Reliability of Electrical Power Systems" John A. Casazza - Power Engineering Society
- * "Project Management: High-Impact Techniques for Any Effort" Cinda Voegtli - Engineering Management Society.

Requests are being taken by the CD-ROM Lending library for cases where viewing the on-line lecture is not feasible. A CD-ROM of a particular lecture(s) will be sent, upon request, to any Chapter Coordinator or Chapter Chair. Send inquiries to <mailto:electronic-dl@ieee.org>. Please indicate Spanish or English, the lecture title, and a mailing address when submitting a request.

Do you want information on the regular Distinguished Lecturer Program? A list of the Societies sponsoring programs will be automatically returned to you when you send an email to: <mailto:info.distlec@ieee.org>.

This announcement was made in the SCOOP May 2001 – a quarterly issue published for IEEE Section and Chapter Chairs, Vicky Waldman, Editor; Tracy Hawkins, Manager Section/Chapter Support

Global Communications Chapter Congress (GCCC):

The Chair of ComSoc Coordination Committee are now involved in organizing the forthcoming Global Communications Chapter Congress (GCCC), the first of its kind to be organized by ComSoc. It is going to be held during the Globecom 2001 in St Antonio, Tx, USA.

This congress is expected to be held every 3 years or so and is being organized for the Chapter Chairs from all regions in order to get direct feedbacks from them, while at the same time updating them with the available services and policies offered by ComSoc and IEEE. A comprehensive program is now being drafted by the organizing committee in order to achieve these objectives. AP Chapter Chairs will be officially notified in due time.

Borhanuddin Mohd Ali, PhD
AP Chapter Coordination Committee Chair

3c. Information Service Committee (ISC) Report by Dr.Hideo Kuwahara

The ISC is intending to improve member services through all information related matters of AP region
Main activities are ;

(1) updating AP ISC Homepage which is organized by Homepage Vicechair Dr.Honbeon Jeon
(hbjeon@kt.co.kr), and

(2) publishing AP ISC Newsletter of which article is gathered by Newsletter Vicechair Prof Tomoaki
(ohtsuki@ee.noda.sut.ac.jp).

1. ISC Homepage Report Reported by Dr.Hongbeom Jeon

The current address of APB homepage is www.comsoc.org/~apb, which is being hosted by IEEE Comsoc. The homepage introduces the charter and officers of IEEE ComSoc APB, reports the activities related IEEE ComSoc in Asia Pacific region. Also, it announces the conference in AP region and services the meeting archives of APB.

ISC will add some new features at the homepage such as:

- link the IEEE ComSoc Chapters' homepages in Asia Pacific region
- add a bulletin board to exchange opinions on various issues related to APB
- actively update the informations and CFPs of the conferences held in AP region

ISC is waiting for the inputs from other APB Committees and members and welcome any comments to enhance the APB homepage.

2. ISC Newsletter Reports Reported by Prof.Tomoaki Ohtsuki

Thanks to many officers and volunteers, we published the 18th issue of the COMSOC AP Newsletter that is available from AP Homepage. At the AP meeting held at GLOBECOM2000, the newsletters were distributed to officers. There are many useful information in our AP newsletter. Thus, we had better advertise our newsletter thorough our regional activity.

We are always talking about what our AP regional members want to read. Newsletter is for our AP regional members, its articles are written by people who are interested in the AP region. We need your contributions of articles on news and activities in your respective countries in order to be truly a AP Newsletter.

Please send us your comments and articles. For instance, tutorial papers are welcome. We really want to hear from you.

Dr. Hideo Kuwahara
AP Information Services Committee Chair

4. Communications Society Office Report by Fanny Su

Distinguished Lecture Programs

For year 2001, Dr. Vijay Bhargava and Dr. Salah Aidarous have kindly agreed to conduct a series of Distinguished Lecture Tours for the Asia Pacific Region. This series of DLTs have helped the Asia Pacific ComSoc Chapters to fully utilise the 5 DLT programs allotted for each Region. We hope to gather and propose a potential list of speakers from the ComSoc Distinguished Lecture list for year 2002 to our Asia Pacific ComSoc Chapter chairs when we next meet at the Global ComSoc Chapter Chairs Congress (GCCC) in San Antonio, Texas this Nov. Chapter chairs are also encouraged to propose the Distinguished Lecturers whom they wish to host in year 2002.

Pilot Student Membership Promotion

We will be working with Tokyo Section staff, Ms. Misako Takahashi to promote student membership in Japan at APCC2001 (17-20 Sept). Besides helping to man the booth, Ms. Takahashi and student helpers will help bridge the language barriers to reach more students from Japanese Universities who will attend APCC2001 held at the University of Electro-Communications. We hope to establish a long term working relationship with the Tokyo Section staff in promoting IEEE and ComSoc memberships to students from Japanese universities.

Sister Society Meetings

With the success of the first Asia Pacific ComSoc sister society summit in Yokohama (Japan) and Singapore last year, we are pleased to learn that we will be invited to participate in the second summit to be held in Seoul (Korea) on 20 Sept, and hosted by KICs. Sister societies will include IEICE (Japan), CIC and CIE (China), CIEE (Taiwan), IETE (India), and REV (Vietnam). The summit is important as it gives us the opportunities to build relationships, plan joint activities, learn and better understand the practices of the various national societies.

TAB Colloquia 2001

Our ComSoc President, Dr. Roberto de Marca will be leading the TAB Colloquia 2001. We will assist our Region 10 Technical Activities Coordinator, Dr. Prahlad Vadakkepat in coordinating the TAB Colloquia Visit to the Asia Pacific. The visit will bring the TAB Colloquia delegates to Kuala Lumpur (Malaysia), Singapore and Taipei (Taiwan) which is scheduled for 6-14 Oct.

Global ComSoc Chapter Chairs Congress (GCCC)

We will be seeking Chapter chairs active participation at the first GCCC to be held in San Antonio, Texas on the 24-28 Nov 2001. Please mark your calendars down for these dates. If Chapter chairs are unable to attend, we strongly encourage that you delegate a representative so that your Chapter will be represented, your Chapter views heard and valuable information can be brought back to your Chapters. Let us aim for 100% participation from our Asia Pacific ComSoc Chapters.

If you have any enquiries on the above events, please do not hesitate to contact us.

Fanny Su (Manager)

IEEE Asia Pacific Operations Centre/ Communications Society Office

5. APB meeting minutes at Globecom 2000 by Mr. Tetsuya Onoda, APB secretary

November 28 Tue, 2000 6:15 PM ~ @Mark Hopkins Hotel / George Smith Room, San Francisco

Report is available at: <http://www.comsoc.org/~apb/>

6. Statistical Results of Paper Presentation of Globecom 2000 by Mr. Tetsuya Onoda

Please refer to attached excel file.

7. Meeting Report of ICC 2001 Technical Program Committee in Globecom 2000 by Tetsuya Onoda

ICC 2001 will be held in Helsinki, Finland during Jun. 11 ~ 15 '01.

(The convention will take place at the Helsinki Fair Centre)

<http://www.icc2001.com/main/index.html>

ICC 2001 consists of 4 parts; Business, Application & Services (BAS) sessions General Conference, Symposia, and Tutorials. As a new attempt, ICC 2001 will set up a special day of BAS session, which are the most popular session series in recent ICC/Globecom. Therefore, for participants who are interested only in BAS session, one-day registration can be useful and cost effective.

1. BAS (Business Applications & Services) session

ICC 2001 will set Jun 12th (Tuesday) as a special day, when whole sessions will be set to BAS session. ICC TPC plans to organize two parallel BAS sessions on Jun 12th. Currently, there are 8 proposals for BAS session as follows;

BAS1 : 3rd generation networks

BAS2 : Wireless technology convergence for telecommunication

BAS3 : Solving the capacity bottleneck for wireless and fixed access

BAS4 : Application platform and operating systems for mobile devices

BAS5 : Mobile commerce

BAS6 : Business opportunity via data / IP network in Eastern Europe

BAS7 : Next generation mobile Internet technologies – Asia Pacific, USA and Europe -

BAS8 : Next generation networks results from the IST program or improving the Internet infrastructure

Besides, some themes are pending such as “Mobile and wireless Internet solutions to the problem of evolution and migration path”. Most of these proposals have not decided the details such as panelists yet. As you can see, proposed titles including BAS7 proposed by APB Technical Affairs Committee incline toward mobile communication. The reason can be easily guessed that Helsinki, Finland is the very base place of Nokia, one of the major sponsors of ICC. Even all BAS session titles will fixed in December '00, there remains a chance to contribute another BAS session theme that is selected from the other area except mobile communications.

General conference and Symposia

Appendix shows the statistical results of paper submission to General conferences and Symposia that are organized by ComSoc technical committees. Totally 1,145 technical papers have been submitted. (The TPC chair commented it was a new record of paper submission to Globecom/ICC and it can be estimated to be a promising start point of the conference.) Only two papers have not been organized for reviewing and 13 papers have not been dispatched to actual reviewers. 1,111 papers have been reviewed and graded already. According to the reviewing results, 240 papers and 181 papers have been decided to be accepted / rejected, respectively. The remaining papers are under consideration. By the end of December, paper assignment to General conference and Symposia will be fixed. The total number of accepted papers is supposed to be 508 (63.5 sessions, 8 papers / session) and the accept ratio is 44 %. Among 20 categories of General conference, Communications reliability and Quality management, Communication theory, Radio communications, and Personal communications, are popular as many as 100 papers, while Communication software, Information infrastructure, Enterprise

networking, Gigabit networking, VoIP, Internet security, have less than 10 papers. Especially, VoIP and Internet security was cancelled due to none of paper.

Symposia consist of 6 categories. Next generation Internet, Personal Communications, and Communication Theory, are popular. Besides, many papers related to QoS were submitted to General conference. So. TPC intended to make a new Symposium of QoS.

3. Tutorials and Workshops

The following is the list of proposed themes for Tutorials and Workshops

DMA techniques/ Multi-User Receivers for Wideband CDMA/ UMTS/IMT2000/
OFDM for Wireless Communications/ Wireless OFDM transceivers/
Turbo Codes: Performance Analysis, Design, Iterative Decoding, and Applications/
Advanced Coding and Detection Techniques for Digital Recording/
Joint Source Channel and Error Concealment for Multimedia Applications/
Digital Communications over Generalized Fading Channels: A Unified Approach to Performance Analysis Presentation/ Interference Analysis and Mitigation Techniques for Wireless Communications/
A Next Generation Digital Signal Processing Core Ideal for Communications Applications/
Performance Evaluation of Computer and Telecommunications Systems/
Workshop on Optical Networks: Future of Switching and Routing/
Radio Over Fibre for the Third Generation and Beyond/
Service Level Management/
Intranet Software Agent Technology to Create Adaptable Nomadic Applications/
IP Impact on the Evolution of Telecom Networks : Business, Technology and Management Services
Differentiation in Mobile Internet/
VoIP State of the Art: Architecture, Protocols and Applications Mobile and Wireless Internet/
The Next Generation Networks/ Mobile Ad-Hoc Networking/ Mobile IP for Next Generation over Internet/
Broadband Access Solutions/ Mobile Ad Hoc Networks/
Wireless IP: From System design to Networking Protocols/
Broadband Radio Access-Systems/Local-Area-Networks for Multimedia Applications/
Intranet QoS Issues in Modern and Future Generation of Mobile Communications Networks. Network design for high availability

From the above list, 4 full day and 11 half day Tutorials and 1 full day and 1 half day Workshops will be assigned. Besides, as the up to date topic, "Health effects related to the use of wireless communication" will be a candidate.

Schedule

The follows are the rough schedule up to the conference date.

Dec/2000	BAS sessions defined, Technical sessions defined, Tutorial/Workshops defined
Dec/2000	Acceptance notification
Jan/2001	Advance Program to print out
Feb/2001	Camera-ready manuscript due
Apr/2001	Application Session Speaker due
May/2001	Final Program due
Jun/2001	Conference (Jun.11~15)

Appendix
ICC 2001 Statistical Results of Paper Submission

Abbr	Area	Submitted papers		Minimum required		Stand-by	
		1st choice	2nd choice	Sessions	Papers	Sessions	Papers
QOS	Comm. Quality and Reliability and QoS	103	94	5.5	44	1.5	12
CSO	Communications Software	6	8	0.5	4		0
CSR	Communication Switching & Routing	54	51	3	24	1	8
CSIM	Comm. Systems Integration & Modeling	33	44	2	16	0.5	4
CT	Communication Theory	93	140	5	40	1	8
CC	Computer Communications	49	75	2.5	20	0.5	4
EN	Enterprise Networking (+symp)	5	10	0.5	4		0
GN	Gigabit Networking	7	13	1	8		0
II	Information Infrastructure	6	9	0.5	4		0
HSDS	Interconn in High-Speed Dig. Systems	0	7	0	0		0
MMC	Multimedia Communications	37	74	2	16	1	8
NOM	Network Operations and Management	33	30	2	16	0.5	4
PC	Personal Communications	101	120	5.5	44	1.5	12
RC	Radio Communications	118	127	6.5	52	2	16
SSC	Satellite and Space Communications	35	13	2	16	0.5	4
SPCE	SP and Communications Electronics	59	49	3	24	1	8
SPS	SP for Storage	24	5	1	8	0.5	4
TAOS	Transmission, Access and Optical Syst.	34	29	2	16	0.5	4
	Internet Security (cancelled)				0		0
	VOIP (cancelled)				0		0
					0		0
Sym1 AN	Sym 1: Access Networking	15	24	1	8	0.5	4
Sym2 QOS	Sym 2: QOS?? (Former Enterprise Applic)				0		0
Sym3 NGI	Sym 3: Next Gen. Internet etc.	62	29	3	24	1	8
Sym4 MI	Sym 4: Mobile Internet etc.	38	19	2	16	1	8
Sym5 HSPS	Sym 5: High Speed Packet Switching etc.	38	36	2	16	1	8
Sym6 SPMM	Sym 6: Advanced SP for Multimedia App.	8	17	1	8		0
Sym7 PC	Sym 7: Personal Communications	64	64	3	24	1	8
Sym8 CT	Sym 8: Communication Theory	123	50	7	56	1.5	12
	Total	1145		63.5	508	18	144

8. "Get IEEE 802" Program Provides Public Access to Networking Standards

Contact:

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For Release: Immediate

(PISCATAWAY, NJ, 14 May, 2001) The IEEE Standards Association (IEEE-SA) has announced a pilot program that grants public access to view and download individual electronic (PDF) IEEE Local and Metropolitan Area Network (802) standards at no charge. New IEEE 802 standards will be added to the "Get IEEE 802" program, in PDF format, six months after publication.

The "Get IEEE 802" pilot marks the first time the IEEE-SA has joined forces with industry to make a series of standards widely available to anyone who needs it. "The program will provide fuel to today's slowing economy allowing smaller businesses, international and domestic alike, to take full advantage of this important technology," said IEEE 802 LAN/MAN Standards Committee (LMSC) Chair Jim Carlo. "Virtually every networked computer in the world relies on IEEE 802 standards. There are hundreds of millions of potential users of IEEE 802 standards who will benefit from unencumbered access to them."

The IEEE 802 concept of standardized rapid and interoperable communications is in wide demand in both the wireline and wireless networking industries. By 2003, the wireless networks alone are expected to add \$3.3 billion in revenues to the networking industry. "Since this family of standards continues to be developed and widely adopted internationally, the global networking industry faces a major opportunity," added Carlo. "Rapid delivery of the standards required to offer new products and services will ensure a set of local and metropolitan area network standards and specifications that are available to all on a world-wide basis."

"Get IEEE 802" is supported by a large and vital industry in which the IEEE 802 LMSC is the key forum for standards development. The program was established to assist potential users for whom the standard itself could be more costly than its actual implementation for network connectivity. "The IEEE 802 LMSC understands that there are unavoidable costs associated with the development and publication of high quality standards documents," stated Carlo. "For this reason, the members of IEEE 802 have pledged their financial support to this program."

"The IEEE standards process has always benefited from being an open process in which any interested party can participate. With the introduction of "Get IEEE 802", the entire world will benefit from open and unencumbered access to these high quality standards for leading edge networking and communications technologies," observed Howard Frazier, Founder of Dominet Systems, formerly of Cisco and Sun.

Access the "Get IEEE 802" website at: <http://standards.ieee.org/getieee802/>

About the IEEE 802 LAN/MAN Standards Committee

The IEEE 802 LAN/MAN Standards Committee is an international standards development committee with greater than 1000 experts worldwide, developing Local Area Network and Metropolitan Area Network standards. The most widely used standards are for the Ethernet family, Token Ring, Wireless LAN, Bridging and Virtual Bridged LANs. The IEEE 802 LMSC is sponsored by the IEEE Computer Society and submits standards through the IEEE Standards Association. There are about fifty IEEE 802 LAN/MAN Standards and five major ISO/IEC/JTC1 8802 series equivalent standards covering the broad spectrum of LAN/MAN standards.

About the IEEE Standards Association

The IEEE Standards Association (IEEE-SA) is an international membership organization serving today's industries with a complete portfolio of standards programs. The IEEE-SA is a major contributor to the IEEE, which is the world's largest technical professional society. IEEE-SA membership, through its IEEE association, promotes the engineering process by creating, developing, integrating, sharing and applying knowledge about electro- and information technologies and sciences for the benefit of humanity and the profession. More information is found at <http://standards.ieee.org/sa-mem/index.html>



We sincerely thank all contributors for making this AP Newsletter possible

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