AP Newsletter
The official newsletter of ComSoc Asia Pacific Board
http://www.comsoc.org/~apb/

No. 18, Nov 2000

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 (2000 – 2001)
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Editorial Message

Welcome to the 18th issue of the COMSOC AP Newsletter. Probably you don't know much about our Asia Pacific Board (APB), structures, activities, and so on. APB consists of the following 5 committees.
TAC: Technical Affairs Committee
MCC: Meetings and Conferences Committee
ISC: Information Services Committee
MDC: Membership Development Committee
CCC: Chapters Coordination Committee

Each committee is collaborating for AP regional members. We publish AP Newsletter twice a year and maintain AP Homepage: http://www.comsoc.org/~apb. In the home page, 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.

Tomoaki Ohtsuki, Editor

Editorial Message (Tomoaki Ohtsuki)

Hot Topics
1. APB Director's Message (by Dr. N. Ohta)
2. DL tour report (by Ms. Fanny Su)

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3b. ISC by Dr. Hideo Kuwahara
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6. Preliminary Report on APCC2000 by Dr. Hongbeom Jeon
7. Conference on Optical MEMS held in Hawaii by Dr. Hideo Kuwahara

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8. 2000 IEEE INTERNATIONAL CONFERENCE ON PERSONAL WIRELESS COMMUNICATIONS (ICPWC'2000)
9. Electronics and Information Technology Exposition'2001, (ELITEX'2001)

1. APB Director's Message: APB 2000 Activity Status

Dear ComSoc Members in the AP Region,

It is my great pleasure to report you that we have successfully established the APB 2000 structure consisting of vice directors, secretaries, and chair/vice chairs/secretaries of committees and APB working since this spring. The officers have been very active and supporting my work as a regional director.

As for technical activities, APB TAC had organized a Business and Applications session on mobile communications at ICC2000. APB CCC has organized AP-RCCC (regional chapter chairs congress) during APCC2000. Those events were very successful and are reported by each committee in this issue.

I will report another important activity that attracted student members. It is the Student Travel Grant (STG).

STG Status

STG is an important activity of the regional director. I am taking part of STG selection in collaboration with COMSOC Membership Program Development Board directed by Prof. Byeong Gi Lee.

This grant (STG) has become very popular and attracted high attention from student authors who contribute papers to major COMSOC conferences. This year, we have received many applications from student authors of accepted papers and selected winners based on the review scores and regional balances. Thanks to MPDB director's proposal to increase the number of recipients, we have given the grants to as many as 47 students this year. The number of recipients for each conference and region is summarized as follows.

	Total ATG recipients	AP recipients	AP%
Infocom	3	3	100%
NOMS	4	2	50%
ICC	31	19	61%
WCNC	13	4	31%
Globecom	47	19	40%
total	98	47	48%

So far, APB activities have been in a very good shape. I would like to continue this healthy activity in the year of 2001. All members' support is indispensable to achieve APB activities for AP members. Thank you in advance for your kind understanding and continuous support.

Sincerely,
Naohisa Ohta
AP Director, COMSOC

2. Distinguished Lecturer Tour Report by Fanny Su

As a follow up to the TAB colloquia in Dec 1999, our office initiated a Distinguished Lecture Tour for India. Dr. K. K. Ramakrishnan kindly accepted to conduct a Disinguished Lecture Tour of India for the Communications Society.

Dr. Ramakrishnan is a technology leader at AT&T Labs-Research at Florham Park, New Jersey, USA. He has made many significant contributions to the development of various alternatives for sending telephone speech over packet switched networks. He is an editor of ACM/IEEE Transactions on Networks and IEEE Network Magazine. He served on many committees for setting the agenda as well as standards for Internet Telephony. Dr. K.K Ramakrishnan is also Founder and V.P of Business Development, TeraOptic Networks, Inc. U.S.A.

Dr. Ramakrishnan gave technical presentations in the form of tutorials on "Protocol an Qos Support for Internet Telephony". He was hosted by the New Delhi Section, Bangalore Section and Chennai Section over the 8-18 Aug 2000.

New Delhi 8/9 Aug: A shortened presentation on the topic was given at IIT Delhi, at the Department of Electrical Engineering (organized by the ComSoc, CAS-CS & Computer along with Electrical Eng. Society of IIT). The audience of 30+ consisted of graduate and senior undergraduate students and faculty. This was followed the next day with a well planned 3 and 1/2 hour tutorial at Hughes Software Systems in Gurgoan, Haryana, (organized by ComSoc, AES-COM-LEO Chapters along with Hughes Software Systems), and attended by a full auditorium of 350+. More than 80% of the audience were non-IEEE members from industry.

Bangalore 11 Aug: Held at the Capitol Hotel, the presentation was attended by an interested audience of about 70. More than ninety percent of the participants were from industry representing companies such as Siemens Communication Software, ITI, Silicon Automation Systems, Texas Instruments, CDoT, Digital, HP, Huges, Wipro Infotech, Infineon Technologies etc. Another interesting aspect of the audience was that 50% of the audience are not IEEE members. This shows that the activities of IEEE Bangalore Section are also reaching many professionals who are not members of IEEE.

Chennai 17 Aug: At this last stop, the lecture was arranged at the AU-KBC centre for research in communication Networks in the Madras institute of technology (MIT) campus. The lecture lasted 3 hours attended by a large audience of 150 persons comprising of AU-KBC centre engineers, faculty of MIT, and graduate students. After the lecture, there was a visit arranged to the AU-KBC centre where discussions took place on topics of research in the IP network field to be persued and the possibility of further contacts with expert members of IEEE in this field.

From the feedback reports, the DLT was very well attended and received by over 600 people from a good mix of academia and industry. We are pleased to learn that much of the audience were from industry and non-IEEE members. It is hoped that such activities would further strengthen Section/Chapter membership development efforts.

Acknowledgements:

We wish to thank the India Council(Dr. Ram Gopal Gupta and P.K Srivastava), the Delhi Section (Harish Tejwani and Subrata Mukhppadhyay), Mr. Vinood Sood and the Corporate Communications team at Hughes Software Systems, Bangalore Section (P.S Sastry) and Kasi. Rajagopal of Indian Institute of Science, Chennai Section (K. R Kini) and Prof. Udayakumar and Prof. C.N Krishnan of Anna University and their respective committees for their efforts in hosting Dr. K.K Ramakrishnan and making the DLT a success. Our thanks also goes to all the attendees who exchanged information with Dr. K.K Ramakrishnan on current world trends and the state of technology in India.

Future DLT Plans for year 2000
We are currently coordinating another DLT to take place over 11/12 Dec in Singapore and Kuala Lumpur,Malaysia. The Distinguished Lecturer will be Dr. Vijay Bhargava who is on a one year sabbatical leave in Hong Kong. He has kindly agreed to cover a few other Asia Pacific countries into year 2001 while he is in this region.

We would like to encourage Chapter chairs to contact Dr. Borhan Mohd. Ali (borhan@ieee.org) or us if they are interested in hosting any Distinguished Lecturers. The list of Distinguished Lecturers and conditions for the DLT to take place can be found at this web site: http://www.comsoc.org/socstr/dlprog/index.html

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

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3a.   TAC (Technical Affairs Committee) Report for Newsletter

1. **Status of APB Award**

1.1 **APB Best Paper Award**
According to "APB Best Paper Award Guidelines", the best paper was selected from papers submitted for APCC2000. It was determined by the final decision of the best paper award committee that the award would be given to the paper entitled "Symmetric Routing and Wavelength Assignment algorithm for two Regular Topology All Optical Networks" by Dr. Sugang Xu and Professor Kaoru Sezaki (Univ. of Tokyo, Japan). The awarding ceremony was held at APCC banquet on Nov.1st. On the front of a big audience, the author of the above paper, Dr. Sugang Xu was awarded the prize of $500 of each and received the certificate.

1.2 **Joint Award at APCC 2001**
TAC will also propose joint award with APCC 2001comittee at the APCC, Nagoya Japan next year. We have started to discuss with APCC TPC about this issue.

2. **Status of Business Application Session@ICC2000 (New Orleans)**
Business Application Session sponsored by APB was held in ICC 2000. The session was organized by Prof. Takeshi Hattori (Sophia University) and Dr. Naoaki Yamanaka (IEEE ComSoc. APB).
- Date&time: June 21 (Wed) 9:00-12:00
- Title: "3rd mobile communication in Asia Pacific"
- Chair Prof.: Prof. Takeshi Hattori (Sophia University)

- Panelists: Prof. Takeshi. Hattori (Sophia University), Mr. Toshiro Suzuki (Hitachi)

The session was so successful that there were about 40 audiences and listening carefully with special interest to the 3rd mobile communication in Asia Pacific. It has become clear that the topics – mobile communications in Asia Pacific Region- was very attractive for ICC/Globecom participants.

3. **Proposal for Business Application Session@ICC2001 (Helsinki)**

   In the ICC2001@Helsinki, TAC is planning to organize a BAS session about mobile internet technologies. Since the BAS session in the last ICC succeeded, the discussion will be expanded to world-wide. In the Asia Pacific Area, the mobile internet seems to be more popularized than other regions. This session invites key-persons from worldwide development organizations tackling mobile Internet access to become panelists. Discussions will include system configurations, new services, related technologies, development of multimedia terminal devices, and field test results.

4. **"APB Best Young Researcher's Award" (2nd proposal)**

   In ICC2000 (New Orleans), TAC has proposed a new award sponsored by APB to promote activities of members in Asia-Pacific Region. Considering the discussions there and among TAC members, TAC would like to propose the improved plan, which is "APB Best Young Researcher's Award".
   Previous award proposal was planed to award academia and student who had significant activity in IEEE Com. Soc. In contrast, "APB Best Young Researcher's Award" expands to qualify all young engineer/researchers who are under 32 years old as candidates. They need to belong to not only academia but also industry. Note that, as reported before, the IEICE Japan, that is a sister society of IEEE ComSoc, proposed to support this award jointly. We would like to expand this award to be joint award with also other Asia Pacific sister society.

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3b. Information Service Committee (ISC) Report
Reported by Dr.H.Hideo Kuwahara

The ISC is intending to improve member services through all information related matters of AP region. ISC is also considering and participating the discussion on the adequate method of information distribution and the mantenance of the mailing list.

Main activities are:
(1) updating AP ISC Homepage which is well organized by Homepage Vice chair Dr.Honbeon Jeon (hbjeon@kt.co.kr), and
(2) publishing AP ISC Newsletter of which article is gathered by Newsletter Vice chair 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.

The homepage will be updated continuously. However, the usage of the homepage does not active. The homepage can be the center for the information exchanges among IEEE Comsoc APB members as well as officers.

In order to activate its usage, ISC is planning to add some other features at the homepage such as:
- link the IEEE ComSoc Chapters' homepages in Asia Pacific region
- recommend to link APB homepage at IEEE ComSoc Chapters' homepages
- maintaining email addresses of APB Officers, APB Chapters
- add a bulletin board to exchange opinions on varions issues related to APB
- actively update the informations and CFPs of the conferences held in AP region

Those action items can be fulfilled by the active support of APB Officers. ISC is waiting for the inputs from other APB Committees and members and welcome any comments to enhance the APB home.

2. ISC Newsletter Reports   Reported by Prof.Tomoaki Ohtsuki

Thanks to many officers and volunteers, we were able to publish the 17th issue of the COMSOC AP Newsletter. At the AP meeting held at ICC2000, the newsletters were distributed to officers. There are many useful information in our AP newsletter. Now it is time to consider how to distribute our AP newsletter to many AP members. One good way is to use the mailing lists not to send our newsletter directly but to tell members the information of new issue of the AP newsletter and where it is available, that is, our web site. We had better use not only IEEE's mailing list but also sister societies' mailing lists to announce the publication of our new AP newsletter.

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

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4.   Communications Society Office Report by Fanny Su

We continue to work with the AP Director and APB committees in fine tuning the support activities the office provides under the APB charter and to serve Comsoc members in this region.

The DLT for the Asia Pacific Region by Dr. K.K Ramakrishnan over then 8-18 Aug for India covered New Delhi, Bangalore and Chennai. It was well attended by over 600 people. We are currently planning a DLT for Dr. Vijay Bhargava to be held 11-12 Dec in Singapore and Malaysia. Currently on a one year sabbatical in Hong Kong, Dr. Vijay Bhargava has
kindly agreed to cover Hong Kong (at convenience), Japan early Jan 2001, Australia/New Zealand July 2001, India late Nov 2001. Details will be provided at a later date.

Two separate sister society meeting was held in the Asia Pacific. Professor Tomonori Aoyama coordinated the meeting in Tokyo, Japan on the 20/21 July while our office coordinated the meeting in Singapore on the 24/25 July.

The sister society meeting in Tokyo was attended by representatives from KICS(Korea) and IEICE(Japan) while the meeting in Singapore was attended by representatives from REV(Vietnam), IETE(India) and CIEE(Taiwan) The meetings were led by IEEE Comsoc President (Roberto Boisson de Marca), VP Society Relations (Alex Gelman), Society Relations Director (Tomonori Aoyama).

Delegates to the Singapore Sister Society meeting also visited IES(Singapore) and research labs at National University of Singapore, Kent Ridge Digital Laboratories(KRDL) and Nanyang Technological University(NTU). The visit was rounded up with a technical
presentation by Alex Gelman at NTU.
In support of APB conferences, our office set up membership booths at APNOMS00(Nara,Japan 11-13 Oct) and at APCC00(Seoul, Korea 30 Oct-2 Nov). Though we were not successful in recruiting more members on the spot, we got to establish contacts with many of our active members and volunteers.

We helped coordinate and support the Asia Pacific Regional ComSoc Chapter Chair Congress(RCCC) meeting and interim APB meeting on 31 Oct held during APCC00(Seoul, Korea). The RCCC meeting, chaired by Dr. Borhan Mohd.Ali was attended by 8 Chapter chairs, 2 representatives and an observer from Indonesia. Steve Weinstein, Prof. Byeong Gi
Lee(Director-Membership Programs Development) and Dr. Naohisa Ohta (Director - AP region) were invited to give presentations on the Communications Society, Membership Development Program and Membership Benefits, and APB activities.

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**5.   Regional ComSoc Chapter Chairs Coordination (RCCC) Meeting
Sheraton Walker Hill Hotel, Seoul.
31st October 2000**

In order to better coordinate ourselves between Chapters and APB, an annual Regional Comsoc Chapter Chairs Congress has been recommended earlier. The Congress shall be held in conjunction with the APCC, which rotates around the region.

This year we have successfully convened the congress at the APCC venue in Sheraton Walker Hill, Seoul. The meeting was held on Tuesday, 31 Oct 2000, from 1300 hrs to 1830 hrs.

Ten chapter chairs attended. They were from India Council, Bombay, Malaysia, Singapore, Taiwan, Hong Kong, New Zeland, Beijing, Korea and Tokyo. Indonesia was represented by an observer.

This is short of our earlier expectations but yet a slight improvement over last year's event. Two Chapters from Australia which earlier had confirmed their participation pulled out at the very last minute because of unavoidable circumstances.

The meeting started with an enlightening presentation by Steve Weinstein, President of Comsoc in 1996. He presented the ComSoc organizational structure and

highlighted some of the important persons who are directly responsible of the Chapter affairs. This was followed by Q&A in which issues such as conference fees which are highly priced for some of the less well off countries, the suggestion for new mode of advertising, and the relationship between Chapters and Sections. He assured us that the conference fees were not excessive and that ComSoc do not aim to make too much profit from such activities.

This was followed by a presentation by Prof Byeong Gi Lee, the Vice President for Membership Development Committee and the immediate past Director of the AP Board. Prof Byeong Gi Lee highlighted the membership statistics of ComSoc worldwide and how the AP region pitch against the rest. He also highlighted some of the facilities that the ComSoc is extending to members through their chapters in order to serve them better. He gave us plenty to cheer about with his generous budget allocation for the Chapter activities in the coming term. It's now up to the Chapters to organize themselves and take advantage of the increased allocation.

This was followed by Q&A session in which various issues were raised such as the mode of meeting which could be organized on Video Conferencing rather than physical presence; issues on funding to chapters and the criteria used, etc. He promised to look into these issues.

Dr Naohisa Ohta gave us a brief presentation on the structure of the APB highlighting the various posts and the respective officers in charge.

The last but most important agenda was the presentation by the Chapter Chairs and representatives describing their chapter affairs, membership statistics, finances, activities, and any problems faced. Some chapters such as Tokyo and Singapore are well developed in their organization, memberships and activities. They are the most active and well supported and do not face much problem. On the other extreme, Chapters such as Indonesia and Thailand (not represented) are struggling because of the attrition in membership resulting from the economic crises that has beset the countries last couple of years. These chapters will need special help from the HQ.

The other chapters are more or less doing reasonably well. They are indeed facing some difficulties such as membership attrition and lack of volunteers but by and large they are surviving pretty well. India Council and Bombay Chapter have shown us some imaginative activities that could serve as examples for the others. They are active in promoting technologies to the community by awarding books and magazines to colleges, giving awards, through income generated from the conferences.

The meeting ended here short of our target of coming up with collective recommendations to the ComSoc. We are upbeat about the future and given the support that ComSoc has promised we are hopeful that the Chapters would be able to move better and provide more meaningful service to the members.

Written by:
Borhanuddin Mohd Ali, PhD
AP CCC Chair.
6 Nov 2000

6.   APCC2000 (Asia Pacific Conference on Communications)

The 6th Asia Pacific Conference on Communications (APCC2000) was held in Seoul, Korea at Sheraton Walker Hill hotel from 30 October to 2 November 2000. APCC2000 was organized by Korea Institute of Communications Science (KICS) and co-sponsored by Korea Telecom, Electronics and Telecommunications Research Institute (ETRI), IEEE Communication Society, and Ministry of Information and Communication.

The conference general chairman was Dr. Yong Kyung Lee, the president of Korea Telecom Freetel and co-chairman was Prof. Byeong Gi Lee (Seoul National University). The organizing committee was chaired by Dr. Sanghoon Lee (Korea Telecom) and the technical program committee was chaired by Dr. Chu Hwan Yim (ETRI).

252 outstanding technical papers were accepted out of 328 papers that came from 26 countries throughout Asia-Pacific, Africa, Europe, and North America regions via electronic submission. Among all accepted papers, four highest quality papers have been chosen for three best paper awards presented by APCC and one jointly presented by APCC and IEEE Asia Pacific Board. The award ceremony was held during the conference banquet.

There have been organized 53 technical sessions to share the knowledge of participants, who are the most prominent engineers and scientists in telecommunication areas. Topics are on wireless and mobile communications, satellite communications, multimedia communications, Internet technology, signal processing, optical communication technologies, ATM networks, communication theory, network management, communication protocols, and various other network technologies.

In addition, 5 tutorials and 4 mini-workshops have been planned to provide broad coverage in high interest areas. Tutorial sessions include five topics such as Digital Channel Modeling and Simulation, Wireless Location Services and Technologies, Multimedia Mobile Access Communication Systems, Web-based Network and Systems Management, and Internet Multimedia Multicast Mini-workshops are arranged to discuss the open issues of evolutional future networks, including Managements of Internet Infrastructure, Evolution to Next Generation Network, Internet QoS and Telephony, and Wireless Internet.

In the opening plenary, three keynote speakers gave talks about the vision and advances on the Internet technologies and applications. Dr. Steve Weinstein, the past IEEE ComSoc President, gave the first speech on the Internet Appliances. And, the second speaker was Dr. Minho Kang, the professor of Information & Communications University, who described the current status and future direction on the optical Internet technologies. The last speaker was Dr. Laurent Mathy, the professor of Lancaster University. He gave the keynote speeches on the Internet Vision.

During the conference, the Asia Pacific Regional Chapter Chairs Congress was held. The regional chapter chairs of IEEE ComSoc attending the meeting shared their experiences in each chapter's activities. There were also an interim meeting of the

IEEE ComSoc Asia Pacific Board and the 11th APCC Steering Committee meeting during the conference.

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7.   **Optical MEMS 2000 Report (21-24 August, 2000)**

Optical MEMS 2000(Optical Micro Electro Mechanical Systems) was held in Kauai, Hawaii on Aug 21-24, 2000. Optical MEMS Conference which was previously called MOEMS (Micro Optical Electro Mechanical Systems) was stared on 1997. Some 80 papers (Oral presentation session 56, Poster session 20, Postdeadline session 3, Additional paper 1) are presented from US 42, Japan 11, Korea 6, Swiss 5, Sweden 3 and others. Invited papers of 19 come from Cronos (JDSU), Bell Lab (Lucent), Tellium, University of California and so on. As Kauai is located near from West Coast, some 20 papers from University in California (Berkeley 9, Stanford 5, UCLA 3, and others 3) were presented.

In communications area, applications using MEMS technology, including optical switch, tunable filter/laser/detector, dispersion compensator, PMD compensator are expected. Volume manufacturing and large matrix switch applications are particularly expected to realize optical cross-connect.

Various applications were reported in this conference, including optical switch, variable optical attenuator, optical scanner, tunable filter, tunable laser, 16x16 optical matrix switch based on thermo-capillary (TuA1;NTT Energy lab.), 8x6 Add/Drop multiplexer, 8x8 matrix switch with client configurability (TuA2; AT&T Lab.), 2x2 optical switch with unique latching (PD3;JDS Uniphase), 4x4 optical switch (P6;Japan Aviation Electronics Industry), and variable optical attenuator (P20;JDS Uniphase). Optical switch and valiable attenuator including an initial reliability data and repeatability were reported.

The impression was, there are some kinds of unique ideas to realize applications. However, improvement of technologies, including package technology, assembly technology and process technology such as reduction of residual stress for micro mirror, will be needed first to realize commercial level devices. Then, improvement for making large scale components and realization of volume manufacturing will be necessary. In the near future, installation of some application using MEMS technology is expected.

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8.   2000 IEEE INTERNATIONAL CONFERENCE ON PERSONAL
    WIRELESS   COMMUNICATIONS
                        (ICPWC'2000)

December 17--20, 2000
Grand Kakatiya Sheraton Hotel, Hyderabad, India

Sponsored by
IEEE AES/COM/LEOS India Council Chapter
and University of Victoria
In Cooperation with
IEEE Hyderabad Section, IEEE Region 10, IEEE India Council, IETE (India),

IEEE Information Theory Society, Dept. of Electronics, Govt. of India,
Aalborg University

It is our pleasure to invite you to the Fifth IEEE International Conference
on Personal Wireless Communications, to be held in Hyderabad, India.
The climate in December will be warm and comfortable. It is estimated that 40% to
60% of the future telephones in India will be based on wireless technologies, not
including the demands from mobile communications. Their successful deployment
will require the cooperation of a host of players such as wireline, wireless and
satellite providers,
manufactures and researchers. Therefore the scope of ICPWC'2000 encompasses
but is not limited to:

* Narrow-/Broadband Mobile Radio
* Wireless Local Loop: LMDS/LMCS,
  MMDS
* Mobile and Personal Satellite
  Communications
* CDMA and Related Techniques
* Internet and IP for Wireless
* Fixed and Mobile Convergence

* RF and Spectrum Issues
* Coding, Modulation and
  Equalization
* Wireless Network
  Architectures
* Adaptive and Intelligent
  Antennas
* IMT - 2000 Deployment
* Software Radios

In addition to technical presentations, panel discussions and pre-conference short
courses by leading authorities in the field are planned. Please submit a 300 word
summary by June 15, 2000 to:

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Notification of acceptance or rejection will be sent by July 15, 2000. Accepted
papers will be published by the IEEE in the conference Proceedings. A camera-ready
version of the paper must be received by August 30, 2000. Corporations desiring to
sponsor conference exhibition: please read the ICPWC'2000 Patron Program on the
World Wide Web or contact any one of the following:

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Web: http://www.citr.ece.uvic.ca/icpwc2000/
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9.   **ELITEX'2001**

Electronics and Information Technology Exposition'2001
by MINISTRY OF INFORMATION TECHNOLOGY (MIT)

5-6 FEBRUARY,2001
at
India Habitat Centre, Lodi Road, New Delhi

Ministry of Information Technology (MIT) has been funding research and
development projects in the areas of electronics and information technology at
various institutions. To disseminate information on Technologies and Products
developed among the users and the industry, the Ministry had organized
ELITEX'99 and 2000 which had generated a lot of interest and given commercial
boost. The industry has very enthusiastically responded
and participated in the event with the same zeal.

MIT is now organizing ELITEX'2001, a Seminar-cum-Exhibition, at India Habitat
Centre, Lodi Road, New Delhi during 5-6 February,2001.The exciting new
features will be the participation of Asian Countries.

The theme of ELITEX'2001 will be Convergence. The Seminar will focus
sessions on Convergence covering Technologies, Infrastructure, Management and
Services, and IPRs including the legislation passed by the Parliament on IT Act 2000
and the Protection of Semiconductor Layout Designs Bill and the proposed
Convergence Bill being drafted by the Fali Nariman Committee.

The exhibition will focus on the technologies/know-how developed at various
institutions related to the above theme. The participating institutions will get an
opportunity to highlight their activities and technological/management services that
can be offered to the industry and public at large.

This would be a unique opportunity

* For industry to pick a product/technology for commercial exploitation
* For R&D institutes and academics to identify industry needs
* Sharing your views and experience with other experts
* Interaction with commercial attaches and delegates of other countries

ELITEX'2001 will provide a forum for interaction among the technology developers and technology users.

Electronics industry, R&D and academic institutions and user are invited to participate.

For further details, please visit: www.elitexindia.com and contact

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We sincerely thank all contributors for making this AP Newsletter possible

**********************************END**********************************