

**IEEE COMMUNICATIONS SOCIETY
TECHNICAL COMMITTEE ON PERSONAL COMMUNICATIONS**

Minutes of the meeting held at ICC'01

Wednesday, June 13, 7:40 am - 9:10 am

Conference Centre, Helsinki, Finland

Minutes prepared by Halim Yanikomeroglu

Chair: Zygmunt Haas

Attendees: Murat Alanyali, Marcelo S. Alencar, Khaled Ben Letaif, Kwang-Cheng Chen, Justin Chuang, Jerry D. Gibson, David Goodman, Fredrik Gunnarsson, Zygmunt Haas, Lajos Hanzo, Witold Krzymien, Ross Murch, Ramjee Prasad, Oguz Sunay, C.-K. Toh, Rath Van-nithamby, Moe Win, Halim Yanikomeroglu, Abbas Yongacoglu, Djamal Zeghlache

0. Start: The meeting was called to order at 7:40 am.

1. Welcome and Introduction: Zygmunt Haas welcomed all members and introduced the new Officers of TCPC: Zygmunt Haas (chair), Khaled Ben Letaif (vice-chair), and Halim Yanikomeroglu (secretary).

2. Conference Reports: (Halim Yanikomeroglu)

ICC'01 June 11-14, Helsinki, Finland, icc2001.com

Report by Behcet Sarikaya (through e-mail)

Reps: Behcet Sarikaya, Alcatel USA, behcet.sarikaya@usa.alcatel.com

C.-K. Toh, Georgia Tech, cktoh@ee.gatech.edu

Statistics: Behcet Sarikaya handled more than 100 papers, mostly on layer 1, and 45-50 of them got accepted.

TCPC Sponsorship: The following symposium was approved for the technical co-sponsorship:

- Symposium on Personal Communications (co-sponsor: Radio Committee)

General Chair: Justin Chuang, Mobilink, justin@mobilinktel.com

TPC Co-Chairs: C.-K. Toh, Georgia Tech (TCPC)

Marco Chiani, U. of Bologna, Italy (Radio Committee)

Milcom'01 October 28-31, McLean, VA, milcom2001.org

Report by Zygmunt Haas

Rep: Zygmunt Haas, Cornell U., haas@ece.cornell.edu

Format: 7 parallel tracks in the unclassified section

Comment: Zygmunt Haas said that the paper processing scheme was not very efficient and has to be improved.

Globecom'01 November 25-29, San Antonio, Texas, globecom2001.com

Report by Halim Yanikomeroglu

Reps: Halim Yanikomeroglu, Carleton U., Canada, halim@sce.carleton.ca

Ye (Geoffrey) Li, Georgia Tech, liye@research.att.com

Format: General conference + 10 symposia + many workshops/tutorials

Schedule: Technical preparations are going as planned. A total of 1220 papers were submitted.

Acceptance notification: July 31. Final manuscript due: August 31.

Motion: The *motions* for the technical sponsorship of the following two symposia are approved:

- The Symposium on Ad-Hoc Wireless Networks (SAWN2001)
Chairman: C.-K. Toh, Georgia Tech, cktoh@ece.gatech.edu
 - The Broadband Wireless Symposium (BWS2001)
Chairman: Willie W. Lu, Siemens-Infineon USA, wwlu@ieee.org
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WCNC'02 March 17-21, Orlando, Florida, wcnc.org/2002

Report by C.-K. Toh

Deadlines: Paper due: August 1, 2001. Acceptance notification: November 1, 2001. Final manuscript due: December 15, 2001.

TPC Chair: Larry Milstein, U. California San Diego

Vice-Chairs: C.-K. Toh, Georgia Tech, cktoh@ece.gatech.edu

Willie W. Lu, SIEMENS-Infineon USA, wwlu@ieee.org

Format: Technical sessions, business application sessions, tutorials. Best papers will be published in an IEEE journal special issue.

Comment: C.-K. Toh remarked that TCPC should make a collective effort to make WCNC a very prestigious conference in the area of wireless communications – similar to Infocom's status in the area of networking.

ICC'02 April 28 - May 2, New York City, NY, icc2002.com

Report by Michael Devetsikiotis (through e-mail)

Reps: Michael Devetsikiotis, North Carolina State U., mdevets@eos.ncsu.edu
Oguz Sunay, Sabanci U., Turkey, osunay@ku.edu.tr

Deadlines: Paper due: August 15, 2001. Acceptance notification: December 17, 2001. Final manuscript due: January 2002.

Format: No general conference — 11 symposia + business application sessions + many workshops/tutorials — ComSoc's 50th anniversary celebration

TCPC Sponsorship: The following two symposia have already been approved for the technical co-sponsorship:

- Advanced Wireless Communications Systems Symposium
Chair: Ross Murch, eermurch@ee.ust.hk
Co-Chair: Paul Lemson, paul@lemson.com
- Wireless Networking Theory Symposium
Chair: Demetrios Kazakos, kazakos@louisiana.edu
Co-Chairs: Marco Chiani, mchiani@deis.unibo.it
Nicholas Zervos, nzervos@ellemedia.com

Motion: The *motion* for the technical sponsorship of the following symposium is approved:

- Next Generation Internet Symposium
Co-Chairs: Michael Devetsikiotis, mdevets@eos.ncsu.edu
Stan Moyer, stanm@research.telcordia.com

Comment 1: By Michael Devetsikiotis (through e-mail): “This conference has been the first ICC/Globecom to not have a general conference. Instead, the conference has been split from the start into symposia. The TPC Chair (Malathi Veeraraghavan) seems to be communicating directly with the symposia chairs which makes sense, but also makes the traditional role of the committee reps somewhat awkward.”

Comment 2: Ross Murch said that he is looking for about 10 volunteers to help in the review process of the papers submitted to the symposium he is chairing (Advanced Wireless Communications Systems Symposium).

Globecom'02 November 17-21, Taipei, Taiwan, R.O.C., globecom2002.com

Reps: Witold A. Krzymien, TR Labs, Canada, wak@edm.trlabs.ca
Willie W. Lu, Siemens-Inficon USA, wwlu@ieee.org

Deadlines: Paper due: February 15, 2002 (tentative). Acceptance notification: June 30, 2002. Final manuscript due: August 15, 2002.

Comment: The TPC Chair Kwang-Cheng Chan stated that in Globecom'02 there will be a General Symposium and many featured symposia. He added that the submissions and all the paper handling will be done electronically.

ICC'03 May 11-15, Anchorage, Alaska

Reps: TBD

General Comment: Moe Win informed the attendees that ComSoc will soon decide on a software to be used in paper evaluation in the upcoming ICC's and Globecom's. He said that he would like to provide feedback to ComSoc to help them in selecting the right software. Towards that end, he is requesting input from the colleagues who were involved in paper review for ICC'01 and Globecom'01. Apparently different softwares were used in these two conferences. He specifically would like to learn from reviewers the following points: (a) what you liked, (b) what you did not like, and (c) what you would like to have. E-mails can be sent directly to him at win@research.att.com.

3. Approval of Previous Minutes: Minutes of the TCPC meeting held at Globecom'00, San Francisco, were approved.

4. Report on TCPC-Approved Technical Sponsorship (Zygmunt Haas)

- Standard process
 1. Submit a request to the TCPC chair, who will allocate a slot on the next TCPC agenda
 2. Short presentation by the requesting party
 3. Vote at the meeting
- Expedited process (if the approval has to be obtained before the next meeting)
 1. Submit a detailed request to the TCPC chair
 2. The TCPC chair will decide whether input from the members is necessary
 3. If so, a request for comments will be broadcast on the TCPC mailing list, with deadline to provide input
 4. The chair will approve the requested sponsorship or not, based on the TCPC comments (if available) and possibly with consultation with the other TCPC officers
 5. If the TCPC chair cannot approve, the requested can still follow the standard process

5. Announcement: European Wireless 2002 – <http://docenti.ing.unipi.it/ew2002/>
(Zygmunt Haas)

Theme: Next Generation Wireless Networks: Technologies, Protocols, Services and Applications

Dates & Place: February 26-28, 2002 – Florence, Italy

Sponsors: EUREL, AICA, VDE. Technically co-sponsored by the IEEE TCPC and the IEEE Communications Society (approval pending)

Deadlines: Paper due: September 15, 2001. Acceptance notification: November 15, 2001.
Final manuscript due: December 10, 2001.

6. Approval of Technical Co-Sponsorship of IMPACCT 2002 (David Goodman)

Title: IEEE Workshop on Integrated Management of Power-Aware Communications, Computing and Networking (IMPACCT)

Date & Place: April 28, 2002 – New York City, NY

Organizers: David Goodman, dgoodman@duke.poly.edu
Ramesh Karri, ramesh@india.poly.edu

Motion: The *motion* for the technical sponsorship of this workshop is approved.

7. Approval of Technical Co-Sponsorship of WPMC'02 (Ramjee Prasad)

Title: The 5th International Symposium on Wireless Personal Multimedia Communications

Organizers: Gordon Stuber, Georgia Tech, stuber@ece.gatech.edu
Mark Austin, Cingular Wireless USA, mark.austin@cingular.com

Dates & Place: October 27-30, 2002 – Honolulu, Hawaii

Deadlines: Extended abstract due: March 15, 2002. Acceptance notification: June 1, 2002.
Final manuscript due: August 1, 2002.

Comment: WPMC'02 is calling for session organizers/chairs; contact: organizers

Motion: The *motion* for the technical sponsorship of this symposium is approved.

8. Approval of Technical Sponsorship of the First Workshop on Services and Applications in the Wireless Public Infrastructure 2001 (Djamal Zeghlache)

Dates & Place: July 25-27, 2001 – Evry, Paris, France

Purpose: To integrate the activities from physical to application layers.

Format: Single-track with feature talks as the first paper of each session. 6 sessions in 3 days.
Around 65 papers submitted, 40 accepted accepted.

Motion: The *motion* for the technical sponsorship of this workshop is approved.

9. Approval of Technical Co-Sponsorship of MWCN'02 (Guy Omidyar)

Title: The 4th IEEE International Conference on Mobile and Wireless Communications Networks

Organizer: Guy Omidyar, gomidyar@csc.com

Background: The first conference took place at Sorbonne University , Paris, France, May 12-15, 1997. The second conference took place at the Cite des Sciences La Villette, Paris, France, May 16-17, 2000. The third conference will take place in Recife, Brazil, August 14-17, 2001, URL: cin.ufpe.br/~mwc2001.

Comment1: Jerry Gibson said that the dates of MWCN'02 should be arranged in a way not overlapping with those of WCNC'02.

Comment2: C.-K. Toh pointed out that the acronym MWCN sounds very similar to WCNC.

Motion: The *motion* for the technical sponsorship of this conference is approved.

10. Approval of Technical Co-Sponsorship of UWBST'02 (Ross Murch)

Title: the IEEE Conference on Ultra Wideband Systems and Technologies

Date & Place: May 20-23, 2002 – Baltimore, Maryland.

TPC Co-Chairs: Rexford Moray, U. of California, morey2@lln1.gov
Moe Win, AT&T Research, win@research.att.com

Comment1: Zygmunt Haas asked whether the focus of the conference is closer to that of the Radio Committee. Ross Murch replied that this conference has a wide range of scope, including all layers upto devices; he also added that technical sponsorship will be requested from other committees as well.

Comment2: C.-K. Toh said that it is not good to have competing conferences with identical scopes. Ross Murch replied that UWBST is rather focused in comparison to WCNC. Zygmunt Haas suggested that the organizing committee of UWBST should be in touch with Jerry Gibson and C.-K. Toh to prevent unnecessary overlap between the themes of UWBST and WCNC.

Motion: The *motion* for the technical sponsorship of this conference is approved.

11. TCPC sub-committee reports:

Subcommittee for WCNC Liason

Chairman: Prof. Demetrios Kazakos

Highlights on Events

- Co-sponsorship of two conferences:
 - NSF International Workshop on Infrastructure for Mobile and Wireless Systems General Chairs: Drs.Kia Makki and Niki Pissinou, Florida International University, October 15, 2001, Phoenix, Arizona
 - Tenth International Conference on Computer Communications and Networks, October 15-17, 2001, Scottsdale, Arizona
 - Sponsorship of a special issue of the WILEY Journal: Wireless Communications and Mobile Computing. Theme and deadlines to be decided. It will draw upon the themes and topics of the Wireless Networking Theory Symposium of ICC'02.
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Sub-committee on Ad Hoc Networks

Chairman: Prof. C-K. Toh

Highlights on Events

- IEEE GLOBECOM Symposium on Ad Hoc Wireless Networks (SAWN)
 - Received close to 100 submissions
 - Papers under review by TPC members
 - Will organize sessions and finalize program soon
- IEEE Communications Magazine Special Issue on Mobile Ad Hoc Networks, June 2001 issue; Guest Editors: W. Lu and S. Giordano
- Journal on Communication Networks (JCN) (Technically sponsored by IEEE COMSOC), Special Issue on Innovations in Mobile Ad Hoc Pervasive Networks; Guest Editors: V. Li, E. Sousa, and C.-K. Toh
- Various sessions on Ad Hoc Wireless Networks for IEEE Wireless Communications & Networks Conference (WCNC) 2002; TPC Chair: L. Milstein, TPC Co-Chairs: C.-K. Toh and Willie W. Lu

- Others ad hoc wireless workshops and conference evolving in Europe. Requests for a summary of events from the respective chairs had been made.
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Sub-committee on Broadband Wireless

Chairman: Willie Lu

Highlights on events: No report

12. Discussion on the Shannon Unit Proposal (M. S. de Alencar)

M. S. de Alencar briefly presented his proposal to initiate a process that will eventually replace the term “bit” with “Shannon”. The idea of honoring Shannon with a unit was welcomed in principle by the attendees, however there were various comments. Gerry Gibson said that from technical point of view it will be better to propose “Shannon” for “bit/channel-use” or “bits/sec/Hz”. Gerry Gibson, Zygmunt Haas, Witold Krzymien, and Halim Yanikomeroglu pointed out that it is more appropriate if such a proposal is initiated by the Information Theory Society. There was no motion on the proposal.

13. Other Discussions

- **Announcement 1:** Zygmunt Haas informed the attendees that ComSoc will give some funds to the technical committees to recognize the contributions of some of their members. Lajos Hanzo suggested that he can contribute to that fund with the royalties from his books.
- **Announcement 2:** (Zygmunt Haas) TCPC web site and mailing list will be updated in the summer.
- **Announcement 3:** (Zygmunt Haas) Next TCPC meeting will be at Globecom'01, November 25-29, 2001, San Antonio, Texas.

14. End: The meeting adjourned at 9:12 am.