

Communication Theory Technical Committee Meeting
ICC '97
Palais de Congres, Montreal, Canada

1. The meeting was called to order at 5:10 PM.
2. Peter McLane announced that Lek Ariyavisitakul of AT&T is replacing Sami Hinedi as our committee's secretary.
3. Conference reports

ICC '97 (Montreal, 6/8-6/12) (E. Biglieri, S. Hinedi, Y. Bar-Ness): Ender Ayanoglu addressed the committee. He reported that ICC'97 was successfully run and he thanked the three representatives.

GLOBECOM '97 (Phoenix, 11/2-11/7) (J. Livingston, K. Ben-Letaif): Jay Livingston addressed the committee. There were 738 total submitted papers to GLOBECOM'97. 50 sessions were formed. Our committee has organized/co-organized 7 sessions. There will be 3 workshops and 18 tutorials.

There was a long discussion about the bidding process for papers. Some of our members expressed reservation about the current bidding process.

ICC '98 (Atlanta, 6/7-6/11) (E. Sousa, G. Stuber): Elvino Sousa addressed the committee. The web site for ICC'98 is <http://www.ee.gatech.edu/conferences/icc98>. The bidding process will be based on abstracts and only the session organizers can have access to those abstracts. Proposed sessions include:
P. Hoefffer, Modulation and Coding
A. Svenson, Multi-User Detection
P. Robertson, Iterative Decoding
C-L I, Wireless Local Loop
A. Goldsmith, Wireless Communications
Multicarrier Systems
Tutorial proposals are to be forwarded to E. Sousa by August 16.
The TPC (Stuber) wants to organize 10 overview sessions, similar to VTC, which will be made up of papers from open calls for papers.

GLOBECOM '98 (Sydney) We received 8 volunteers for TPC representatives for this conference. B. Vucetic, K. C. Chen, and K. Rose were selected based on the criteria of location, experience with similar organizations, and being a newcomer. The following session proposals were made:
K. Fazel, Multi-Carrier Spread Spectrum
J. Barry, Equalization
U. Mengali, Synchronization
A. Yongacoglu, Coding and Modulation
G. Raleigh, Multicarrier for Non-Spread-Spectrum Systems
N. Vojcic, Multiuser Detection
D. Falconer, Space-Time Signal Processing
M. Win, Propagation
H. Sari, Multiple Access Techniques

ICC '99 (Vancouver) Vijay Bhargava is the Technical Program Chair for this conference. The chosen TPC representatives (again based on the criteria described above) are P. Ho, A. Yongacoglu, and G. Cairer. The following session proposals were made:
S. Ariyavisitakul, Equalization
U. Mengali, Synchronization
G. Raleigh, Information Theory in Time-Varying Channels
A. Goldsmith, Shannon-Like Capacity for Wireless
G. Raleigh, Space-Time Signal Processing
H. Sari, Multiple Access Techniques
K. Fazel, Wireless Indoor Communications

CTMC-6 (Phoenix, 11/2-11/7, 1997) (N. Beaulieu, C. Georghiadis): Norm Beaulieu addressed the committee. 92 papers were received. Unlike the previous CTMCs, there was no passing papers between GLOBECOM and CTMC this time. Three reviews were received for 82% of the submitted papers, and 2 reviews for each remaining

paper.

CTMC-7: (Sydney, Nov. 1998) R. Kennedy will be the General Chair of this Mini-Conference. K. Ben-Letaif will be the Technical Program Chair.

There was a discussion on the approval process for the CTMC.

MILCOM '97 (Monterey, 11/2-11/5) G. Saulnier, M. Medley and C. Robertson were interested in becoming representatives working with MILCOM.

(4. Workshop reports)1

Workshop '97 (C. Robertson, A. Polydoros, A. Kakaes): Paul Kakaes stated that the Workshop was held April 27-30, in Tucson, Arizona. The technical program included sessions on equalization, source coding, turbo codes, multimedia communications, and optical communications. The workshop was well attended (67 registrants with 21 spouses).

Workshop '98 (S. Miller, J. Winters, K. Dominiak): The workshop will be held in Captiva Island, Florida in April. The Technical Program Chair is J. Winters. P. Kakaes will be the Treasurer.

Workshop '99 (West Coast TBA): C. Robertson will be the General Chair. A. Goldsmith and L. Cimini will be the TPCs.

5. Other Businesses:

J. LoCicero made a proposal for having CTMC in ICC'99. Y. Bar-Ness had volunteered to be the General Chair. There was a discussion with mainly favorable opinions. A motion for a vote was made. The vote was in favor of CTMC'8 at ICC'99.

P. McLane summarized the TAC meeting. There was a proposal made at the TAC meeting for a Wireless Communications Committee (WCC) to be formed from Radio/Satellite/PCS Committees. The question to our committee members was, whether we should also join the WCC. After a discussion, our members wanted to know more about the composition and the nature of this new committee. The general feelings were, to join the committee only if we do not lose our identity.

A. Glavieux announced the international Symposium on Turbo Codes & Related Topics to be held in Brest, France, on September 3-5, 1997.

6. Minutes of the meeting at GLOBECOM'96 were approved unanimously.

7. The meeting adjourned at 6:30 PM.