



International Union of Radio Science U.S. Commission B

Please reply to:

P. L. E. Uslenghi, Chair
R. J. Pogorzelski, Vice-Chair
S. R. Laxpati, Secretary

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MINUTES Commission B Business meeting

AP-S/URSI International Symposium
Boston, MA
July 9, 2001

1. The Chair P. L. E. Uslenghi called the meeting to order at 17:30 hrs. He welcomed all members and guests. An attendance list is provided at the end of the minutes.
2. The minutes of the January 9, 2001 meeting of Commission B held at Boulder, CO were approved.

Report from the Chair

3. A report on the upcoming meetings was given. For report on the present Boulder meeting, see TAC report below. A chronological list of proposed meetings with location and dates is given below. Information about the General Assembly is available on the URSI web site.

National Radio Science	Boulder	January 9-12, 2002
APS/URSI	San Antonio	June 16-21, 2002
URSI General Assembly	Maastricht, NL	August 17-23, 2002
<i>No boulder meeting in January 2003</i>		
APS/North American Radio Science	Columbus	June 23-27, 2003
National Radio Science	Boulder	January 2004
URSI EM Theory Symposium	Egypt	May 2004
APS/URSI	Monterey	June 20-26, 2004
APS/URSI	Washington, DC	July 2, 2005
APS/URSI/joint with AMEREM	Albuquerque	2006

4. The Chairman, Uslenghi, indicated that his term would end at the conclusion of the General Assembly in Maastricht. The current Vice-Chair, Pogorzelski, will be the new Chair of Commission B. A reminder will be sent out to the members asking for nominations for the position of Vice-Chair. The nominating committee for this is Wilton, Uslenghi and Pogorzelski. They will select two members from the nominations received. An election will be held and the result will be announced at the Boulder 2002 meeting. The incoming Chair Pogorzelski will select chairs of the membership committees and the Secretary.
5. The Chairman thanked the organizers of this meeting. He expressed his disappointment that some of the papers rejected by the Technical Program Committee appeared in the abstract. They were rejected because of format, length or content. He expressed his concern that this conveys a message that reflects poorly on the quality of this symposium.

Committee Reports

6. D. Jackson presented the Technical Activities Committee report. The Committee members for 2000-2003 term are: N. Engheta; J. T. Johnson; D. R. Jackson (Chair); T. K. Sarkar; J. T. Williams; and D. H. Y. Yang.
 - A summary of the Commission B session and joint sessions involving Commission B at the AP-S/URSI 2001 meeting was presented.
 - Total sessions at the symposium: 121
 - URSI B only sessions: 22
 - URSI B and APS sessions: 4
 - URSI B and URSI A sessions: 1
 - Joint between APS and URSI: 2
 - The details of *special sessions* with organizers in parenthesis are as follows:
 - URSI B session: *Rough Surface Scattering I* (Magda El-Shenawee and Joel T. Johnson)
 - URSI B session: *Rough Surface Scattering II* (Magda El-Shenawee and Joel T. Johnson)
 - URSI B and AP-S session: *Grand Challenges in Computational Electromagnetics* (Raj Mittra)
 - URSI B and AP-S session: *Historical Overview of Development of Wireless* (T. Sarkar)
 - The following special sessions involving Commission B have been approved for Boulder 2001.
 - URSI B and A: *Electromagnetic Interactions with Complex Platforms* (George Uslenghi and Chalmers Butler)
 - *Advances in FDTD* (Susan Hagness and Melinda Piket-May)
 - *Electromagnetic Complex Media and Metamaterials* (N. Engheta)
 - URSI B and D: *Recent Advances in Power Electronics* (Krishna Shenai)
 - URSI B and A: *Active Antennas for Communication Applications* (to be determined)

- *Fast Methods for Electromagnetics* (John Volakis and Eric Michielssen)
- The following special sessions involving Commission B have been approved for AP-S/URSI 2002.
 - *Complex Media and Metamaterials* (N. Engheta)
 - *URSI B and AP-S: Suppression and Control of Surface Waves in Printed-Circuit Structures* (G. Eleftheriades and D. R. Jackson).
- D. Jackson invited members to contact him or the other Committee members with ideas and suggestions for special sessions for the AP-S 2002 meeting (djackson@uh.edu). We need more suggestions.

7. R. Pogorzelski, Chair of the Membership Committee presented the committee report. The committee members are J. W. Mink, R. E. Collin, S. L. Dvorak, and D. Wilton.

- There were three nominations for Full Membership. Dr. Susan C. Hagness (University of Wisconsin), Prof. Vikram Jandhyala (University of Washington) and Prof. Daniel S. Weile (University of Delaware/University of Illinois). After some discussion the nominations were approved unanimously.

8. Old Business: None.

9. New Business: Commission D has nominated Prof. Susan Hagness for the Kogo award, and it was moved and approved that the Chairman write a letter giving the endorsement of Commission B.

10. The meeting was adjourned at 18:15 hours.

Guest Attendance List

Makoto Ando (Tokyo Institute of Technology, Japan), Y. M. M. Antar (RMC, Kingston, Ont. Canada), Trevor Birsan (CSIRO), Nathan Champagne (Lawrence Livermore), You-Chung Chung (Utah State Univ.), Gilles Y. DeLisle (CNC-URSI), Susan Hagness (Univ. of Wisconsin), Apisak Ittipiboon (CRC, Canada), Ed Jull (Univ. of British Columbia, Vancouver, Canada), Ozlem Kilic (LMGT, Comsat Lab), Stanislav Licul (Virginia Tech), Anthony Q. Martin (Clemson Univ.), Andrew Parfitt (CSIRO), Amr Shaarawi (American Cairo University), Kaichiro Takamizawa (Virginia Tech), Roberto Tiberio (Univ. of Siena, Italy).

Members and Associate Members in Attendance

E. E. Altshuler, E. Bahar, H. L. Bertoni, I. M. Besieris, G. S. Brown, R. J. Burkholder, C. M. Butler, W. C. Chew, W. A. Davis, N. Engheta, R. L. Fante, L. B. Felson, A. W. Glisson, Jr., R. C. Hansen, R. L. Haupt, H. Inada, A. Ishimaru, D. R. Jackson, R. Janaswamy, Jianming Jin, L. Kempel, A. Kishk, J. A. Kong, J. D. Kotulski, D. Lamensdorf, S. A. Long, R. Luebbers, R. J. Marhefka, K. Michalski, R. Mittra, M. A. Morgan, R. V. Nevels, A. A. Oliner, K. E. Oughstun, H.

Y. Pao, L. W. Pearson, A. F. Peterson, R. J. Pogorzelski, R. G. Rojas, E. J. Rothwell, Y. Rahmat-Samii, S. R. Rengarajan, A. C. Schell, B. Shanker, L. C. Shen, G. S. Smith, W. Ross Stone, W. L. Stutzman, A. Taflove, B. Tomasic, P. L. E. Uslenghi, J. L. Volakis, W. Wasylkiwskyj, D. H. Werner, J. T. Williams, D. R. Wilton, T. T. Wu, A. I. Zaghloul, R. W. Ziolkowski.

Recorded by David R. Jackson

Respectfully submitted by

Sharad R. Laxpati

Secretary

October 21, 2001