



International Union of Radio Science U.S. Commission B

D. R. Jackson, Chair
N. Engheta, Vice-Chair
S. Rengarajan, Secretary

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MINUTES **Commission B Business meeting**
National Radio Science Meeting
Boulder, CO
January 4, 2006

1. Chair D. R. Jackson called the meeting to order at 17:000 hrs. He welcomed all members and guests. Attendance list is provided at the end of the minutes.
2. The corrected minutes of the July 5, 2005 meeting of Commission B held at Washington, DC were approved.

Chair's Report

3. Chair Jackson thanked membership chair Susan Hagness, Technical Activities Committee chair John Volakis, secretary Sembiam Rengarajan and webmaster Sharad Laxpati for their service to commission B during the last three years. He announced that Hagness, Volakis, Rengarajan and Laxpati have agreed to serve in their respective positions during the next three years.
4. Chair Jackson thanked Ronald J. Pogorzelski for an outstanding service as Past Chair of USNC Commission B during the last three years.
5. USNC officers (2006-2008) are: George Uslenghi, chair; Umran Inan, past chair; Yahya Rahmat-Samii, secretary; and Gary Brown, Accounts Manager.
6. International URSI B Officers (2005-2008) are: Lot Shafai (Canada), chair and Karl Langenberg (Germany), vice chair. International URSI officers (2005-2008) are: François Lefevre (France), President; Prof. Kristian Schlegel (Germany), Past-President; Gert Brussaard (the Netherlands), Chalmers Butler (USA), Martti Hallikainen (Finland) and Phil Wilkinson (Australia), Vice Presidents; and Paul Lagasse (Belgium), secretary-general.

7. After two rounds of voting Berlin, Germany has been chosen as the venue of the 2010 Electromagnetic Theory Symposium by the International URSI Commission B.
8. USNC Commission B member Irvin Kay passed away on October 13, 2005. The family has set up the *Washington Academy of Sciences Irvin Kay Memorial Fund* for Science Education. Any contributions should be sent to the Washington Academy of Sciences, 1200 New York Avenue, Room 637, Washington, DC 20005.
9. The USNC-B website is <http://www.ece.uic.edu/~URSICommb/>. The Minutes from the Business Meetings (back to 1997) are there. The USNC website is <http://www.usnc-ursi.org/>. The International URSI-B website is <http://www.ursi.org/ComBweb/index.html> and the International URSI website is <http://www.ursi.org/>.
10. Upcoming meetings are:
APS/URSI/AMEREM, Albuquerque, NM, June 2006
URSI EM Theory Symposium, Alexandria, Egypt, May 2007
URSI (North American) Ottawa, Canada, July 2007
APS/URSI San Diego, CA, 2008
URSI General Assembly, Chicago, IL, 2008
There is no Boulder meeting in 2007. A complete list of future meetings may be found on the AP-S and URSI websites. (<http://www.ieeeaps.org/> and <http://www.ursi.org/>)

Items from the USNC Meeting Jan 3, 06 Night

11. Tutorial papers are welcome for the Radio Science Bulletin (indexed by Inspec). (All URSI members should receive this.)
12. URSI members are reminded that students who attend the National Radio Science Meeting in Boulder can receive travel support, provided they are full-time students attending U.S. universities and are the first and presenting authors of the paper. We should encourage our students to take advantage of this.
13. Participation in the 2007 North American Radio Science Meeting (Ottawa) is very important (we will not be meeting jointly with AP-S). We need suggestions for special sessions. Chair Jackson will be coordinating special sessions for Commission B together with A. Petosa of the Canadian National Committee.
14. There were a couple of suggestions for special sessions from the floor. Dr. Michael Havrilla and George Hanson want to organize a special session on Guided Waves in honor of Prof. D. Nyquist. George Uslenghi wants to organize a special session in honor of Prof. L. Felsen.
15. Participation in the 2008 AP-S/URSI meeting is very important. We need to make a good showing to establish our percentage of the revenue split. (Our percentage used to be about 33%, but recently it has slipped to about 25%.)
16. MSP: Agree to participate in the 2008 AP-S/ URSI meeting in San Diego.

17. There was a lengthy discussion on oral and poster sessions and to whether to announce the topics of poster sessions in advance. MSP (with 2 opposing): Agree on the way in which oral/poster sessions are being handled at the summer meetings. The number of oral sessions will be limited to 12-15. The same AP-S/URSI committee that is in charge of special sessions also determines which topics will be for poster sessions. These topics rotate from year to year. They are not advertised ahead of time.

18. A concern was expressed that there will be no joint special sessions between AP-S and URSI. There was a discussion on the need to organize joint special sessions. MSP: Commission B recommend to USNC to initiate a process with AP-S to allow for the possibility of joint special sessions.

19. There was a discussion on spreading the technical sessions over a five-day period. Concern was expressed that people from industry may find it hard to attend an extra day of technical sessions. 4 days of AP-S sessions and 4 days of URSI sessions with 3 days of overlap was suggested as a possible solution. MSP (6 people opposing): In the future, it is proposed to spread the technical sessions at the AP-S/URSI summer meetings over a five-day where/when possible.

Committee Reports

20. S. Hagness presented the membership committee report. The committee members are J. W. Mink, L. Kempel, D. R. Wilton and S. Hagness (chair).

Dr. Xu Li (Northwestern University), and Dr. Edwin Marengo (Northeastern University) were nominated for Full Membership. Both nominations were approved by a voice vote.

21. J.L. Volakis, the chair of the Technical Activities Committee presented a report. The Committee members for the 2002-2005 term are: Prof. George Eleftheriades, Prof. Nader Engheta, Dr. Danilo Erricolo, Prof. Joel T. Johnson, Prof. Eric Michielssen, Prof. Dimitrios Perouris, Prof. John L. Volakis (Chair), Prof. Yahya Rahmat-Samii, Prof. Christos Christodoulou, and Prof. Jinming Song. He stated that there are 48 papers in 7 Commission B sessions and 46 papers in 6 joint sessions with Commission B participation in the 2006 Boulder meeting. There are 3 joint (B with E and J) special sessions and one commission B special session. Both in 2004 and 2005 joint AP-S URSI summer meetings the number of URSI papers were about 25% of the total. The deadline for submission of papers to the Albuquerque AP-S/URSI meeting is January 13. There is a need to register and get a password before submitting the paper. There are 8 special sessions scheduled for that meeting.

Announcements from Prof. Uslenghi, chair of USNC

22. Prof. Lot Shafai will organize the North American Radio Science meeting to be held in Ottawa, Canada during July 22-26. Call for papers is available. March 2, 2007 is the deadline for submission of papers. No Boulder meeting will be held in 2007.

23. Next URSI General Assembly will be held Chicago, IL during Aug. 7-16, 2008.

24. Old Business: None

25. New Business: None

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

Guest Attendance List

Mark Converse, Shakti Davis, Dr. Michael Havrilla, Dr. Xu Li

Members in Attendance

Dr. Robert Adams, Dr. Carl E. Baum, Prof. Chalmers M. Butler, Dr. William A. Davis, Dr. K.R. Demarest, Dr. Nader Engheta, Prof. Danilo Erricolo, Dr. Robert L. Gardner, Dr. David V. Giri, Prof. Susan Hagness, Dr. William A. Imbriale, Prof. David R. Jackson, Prof. Roger H. Lang, Prof. Sharad R. Laxpati, Dr. Gianluca Lazzi, Prof. Mahta Moghaddam, Prof. L. Wilson Pearson, Dr. Ronald J. Pogorzelski, Prof. Yahya Rahmat-Samii, Dr. Sembiam R. Rengarajan, Dr. W. Ross Stone, Prof. Piergiorgio L.E. Uslenghi, Prof. John L. Volakis

Respectfully submitted by
Sembiam R. Rengarajan
Secretary