



**International Union of Radio Science    U.S. Commission B**

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N. Engheta, Chair	<i>Please reply to:</i>	
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**MINUTES    Commission B Business meeting**  
2010 National Radio Science Meeting  
Boulder, CO  
January 7, 2010

1. Meeting called to order at 6:00 p.m. by Vice Chair Sembiam Rengarajan on behalf of the Chair, Nader Engheta.
2. The chair welcomed members and guests.
3. The minutes of the June 4, 2009 meeting of the Commission B held at Charleston, SC were approved.

**Chair's Report**

4. The chair reviewed the list of USNC/Commission B officers, USNC officers, International URSI B officers, and International URSI officers. The officers are listed in the websites listed below. The USNC Commission B website also contains the minutes of the meetings dating back to 1997.  
<http://www.ece.uic.edu/~URSICommb/> (USNC Commission B website)  
<http://www.usnc-ursi.org/> (USNC website)  
<http://www.ursi.org/B/index.htm> (Intl. URSI Commission B website)  
<http://www.ursi.org/> (Intl. URSI website)
5. The chair stated that our secretary Sharad Laxpati has resigned, and we need to elect a new Secretary. Jamesina Simpson was elected as the new Secretary (no vote was taken, but there seemed to be agreement among the members present.).
6. Upcoming meetings are:
  - IEEE AP-S/URSI Symposium, Toronto, Canada, July 10-17, 2010.
  - URSI EM Theory Symposium, Berlin, Germany, Aug. 16-19, 2010.

- National Radio Science Meeting, Boulder, CO, Jan. 5-8, 2011.

Additional future meetings may be found on the AP-S website (<http://www.ieeeaps.org/>) as well as the URSI websites listed above.

**7. Discussion Item 1:**

Does our commission have any feedback regarding the new website for NRSM paper submission and session formation?

No comments or suggestions were received. Members were asked to get in touch with Commission B officers or USNC officers if they have any suggestions.

**8. Discussion Item 2:**

Does our commission have any suggestions for USNC nominations for 2011 URSI GA Awards, including Van der Pol Gold Medal, Dellinger Gold Medal, Appleton Prize, Booker Gold Medal and Koga Gold Medal? The URSI website has detailed information on these awards. No suggestions were received. Members were asked to get in touch with Commission B officers if they have any suggestions for nominations.

**9. Discussion Item 3:**

Will our Commission participate in the 2011 IEEE AP-S/URSI Meeting in Spokane, WA, to be held July 3-9? Yes, we have already agreed to participate.

**10. Discussion Item 4:**

Does our Commission have any suggestions for fund raising for USNC, focusing on proposals to government agencies? The comment was made that we should contact the industry.

**11. Discussion Item 5:**

Does our Commission have any input from students? A comment was made that the USNC Boulder meetings are informal, friendly and less intimidating than other conferences. Students may be nominated as Associate Members if they have presented URSI papers at past meetings, have publications and are U.S. citizens or permanent residents.

**12. Discussion Item 6:**

Can our Commission help us identify universities or other institutions who are active in Radio Science but do not participate in the USNC-URSI National Radio Science Meeting?

No comments were immediately received. Members have been asked to get in touch with Commission B or USNC officers if they have any suggestions.

**13. Discussion Item 7:**

Are there any suggestions for special sessions for USNC-URSI National Radio Science Meeting in January 2011?

No comments were received from the floor. Suggestions may be given to Commission B officers.

USNC Chair Y. Rahmat-Samii stated that in 2011 we will try to have plenary speakers who are “out of the box”.

There was a suggestion that we should keep statistics on the winners of the Student Paper Contest and the commissions they represent.

### **Committee Reports**

**14.** S. Hagness presented the membership committee report. The committee members are L. Kempel, K. Melde, D. R. Wilton and S. Hagness (chair).

S. Hagness reviewed the guidelines for Associate and Full membership.

Dr. Meisong Tong was nominated for full membership by Weng Chew. The nomination was approved unanimously.

S. Hagness stated that the web-based USNC membership application needs to be improved. It currently generates a poorly formatted, difficult to read ascii text file. She requested that nominators use the MS Word document that is available on the commission's web site.

**15.** J. L. Volakis, the chair of the Technical Activities Committee presented a report.

J. L. Volakis stated that suggestions for special sessions are needed for the National Radio Science Meeting to be held in Boulder, CO in Jan. 2011. He said that joint sessions are particularly encouraged.

J. L. Volakis presented a summary of the special sessions at the present Boulder meeting.

J. L. Volakis presented statistics on the Commission B presentations at the Boulder 2010 meeting.

The technical report will be posted in the commission B website.

**16.** Old Business: None

**17.** New Business: None

**18.** The meeting was adjourned at 18:45 hours.

### **Guests in Attendance**

Reyhan Baktur, Stefano M. Canta, Natalie Cartwright, Keefe Coburn, Veysel Demir, Art Densmore, Junwei Dong, Sean Goldberger, Hahmad Hahmad, Ying Hu, Stephen Long, Eric Mokole, Ellen O'Connor, Harish Rajagopalan, Kamal Sarabandi, Hyuk-Jun Seo, Saul Torrico, Steven Weiss, Taeyoung Yang, Tursunjan Yasin

### **Members in Attendance**

Prof. Carl E. Baum, Dr. Jennifer Bernhard, Prof. Gary S. Brown, Prof. William A. Davis, Prof. Danilo Erricolo, Dr. David V. Giri, Prof. Susan C. Hagness, Dr. Gregory Huff, Prof. David R. Jackson, Dr. Ozlem Kilic, Prof. Roger H. Lang, Prof. Mahta Moghaddam, Dr. Kurt E. Oughstun, Dr. Ronald J. Pogorzelski, Prof. Yahya Rahmat-Samii, Prof. Sembiam R. Rengarajan, Dr. Kubilay Sertel, Dr. Jamesina Simpson, Dr. W. Ross Stone, Prof. Erdem Topsakal, Prof. Piergiorgio. L. E. Uslenghi, Prof. John L. Volakis, Dr. Karl Warnick, Dr. Wasyl Wasylkiwskyj

Respectfully submitted by  
Sembiam R. Rengarajan, Vice Chair  
David Jackson, Past Chair