



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

N. Engheta, Chair  
S. Rengarajan, Vice-Chair  
J. Simpson, Secretary

**MINUTES      Commission B Business meeting**  
2011 URSI Meeting  
Boulder, CO, USA  
Jan. 6, 2011

1. Meeting called to order at 6:00 pm.
2. Vice-Chair Sembiam Rengarajan welcomed the members and guests. A moment of silence is held for Dr. Carl Baum, Prof. Robert Collin, Dr. Ray King, and Prof. Robert G. Kouyoumjian. A big thanks is extended to Prof. Susan Hagness for serving as membership committee chair for eight years. Prof. Ed Rothwell is introduced as the new membership committee chair.
3. The minutes of the business meeting held in Toronto, Canada in July 2010 was approved.
4. Website Information  
USNC-B: <http://www.ece.uic.edu/~URSICommb/>  
Minutes from the Business Meetings (back to 1997) are there.  
Other links:  
USNC: <http://www.usnc-ursi.org/>  
International URSI-B: <http://www.ursi.org/B/index.htm>  
International URSI: <http://www.ursi.org/>
5. Announcements:  
Officers of various URSI offices for the triennium 2009-2011 were reviewed.  
USNC Commission B:  
Nader Engheta (chair)  
Sembiam Rengarajan (vice-chair)  
Jamesina Simpson (secretary)  
Sharad Laxpati (webmaster)

Edward Rothwell (membership)  
John Volakis (technical activities)

USNC/URSI:

Chair: Yahya Rahmat-Samii  
Past-Chair: George Uslenghi  
Secretary and Chair-Elect: Steven C. Reising  
Accounts Manager: Gary Brown

URSI International Commission B

Chair: Karl Langenberg (Germany)  
Vice-Chair: Giuliano Manara (Italy)

URSI International:

President: François Lefeuvre (France)  
Past-President: Gert Brussaard (the Netherlands)  
Vice Presidents:

Yahia Antar (Canada)  
Martti Hallikainen (Finland)  
Umran Inan (USA)  
Phil Wilkinson (Australia)

Secretary-General: Paul Lagasse (Belgium)  
Asst. Secretary-General (Publications): Ross Stone (USA)

6. Future meetings

- 2011 AP-S/URSI, Spokane, Washington, July 3-8, 2011 (paper submission deadline of Jan. 14, 2011)
- 2011 URSI GASS (General Assembly), Turkey, August 13-20, 2011 (paper submission deadline of Feb. 11, 2011)
- USNC-URSI National Radio Science Meeting, Boulder, CO., Jan. 3-7, 2012.
- 2012 AP-S/URSI, Chicago, Illinois, 2012
- Additional future meetings may be found on the AP-S and URSI websites. (<http://www.ieeeaps.org/> and <http://www.ursi.org/>)

7. Sembiam Rengarajan leads all in attendance through 9 discussion items from the USNC Commission. As members may come up with more ideas / feedback, they are encouraged to contact the URSI B commission chairs.

- a. “Wireless Medicine” is suggested for the plenary session of the 2012 NRSM.
- b. Commission B votes to participate in the 2012 IEEE AP-S/URSI Meeting in Chicago 2012
- c. John Volakis will serve as the vice-chair of Commission B during the 2012-2014 triennium. There won’t be an election until 2014.
- d. Joel Johnson and Danilo Erricolo are recommended to serve as members at large.
- e. David Jackson is recommended to serve as USNC Secretary and Chair Elect during the next triennium.
- f. Yahya Rahmat-Samii and Don Wilton are both nominated to serve as Vice-Chair of our International URSI Commission.
- g. University of Mississippi is suggested as a particular university we should target to encourage to participate in the USNC-URSI National Radio Science Meeting.

We should continue to advertise that student travel support is provided for this meeting.

- h. Commission B voted to continue supporting students to travel to the Boulder meeting instead of sending some USNC members to attend the URSI General Assembly in Istanbul in 2011.
- i. The National Academies survey is discussed for those in attendance at last year's Boulder meeting. The results of the survey will be posted on the website. Last year 150 out of ~280 participants responded to the survey. This year's survey will be sent out to participants within two weeks of the conclusion of the meeting.

8. Report of Technical Activities Committee Members

Shanker Balasubramanian - Michigan State  
Hossein Mosallaei - Northeastern Univ.  
Erdem Topsakal - Mississippi State Univ.  
John Volakis (Chair) - Ohio State Univ.  
Manos Tentzeris - Georgia Tech

John Volakis presented the Technical Activities Committee report. The report included information about the number of sessions and special sessions at this meeting. A total of 6 special sessions had been proposed and 5 carried. The other commission B sessions were also shown. A total of 86 papers were submitted to Commission B this year out of a total of 385 papers to the URSI Boulder conference. Finally, historical data for URSI sessions of previous years were provided, as well as a list of the special sessions for the 2012 AP-S / URSI Meeting.

A question arose as to whether 1 page abstracts may be submitted to the AP-S conference. The website states that 2-4 pages may be submitted, but some contest that is a typo.

9. Report of the Membership Committee.

Members

Ed Rothwell (Chair) – University of Michigan  
Leo Kempel – Michigan State University  
Kathleen Melde – University of Arizona  
Don Wilton – University of Houston

Ed Rothwell presented the report for the committee.

- a. Qualifications for the membership were reviewed.
- b. Full membership nominations of Eric Mokole (Naval Research lab) and Peder Hansen (SPAWAR) were approved. Sudhakar Rao (Lockheed Martin Space System Co.) was approved as associate member.

10. Old Business: None.

11. New Business: The MAPE meeting in Beijing to be held later this year is announced (Ross Stone is co-chair of the meeting). George Uslenghi announces the ICEAA, which is supported for the first time in 2012 by IEEE AP-S. The 2012 EURO EM conference is also announced. It is held alternately in North America and Europe in July of each year.

12. Adjourned at 6:50 pm.

### **Guests in Attendance**

Dr. Keefe Cobarn, Cesar Mendez Ruiz, Jiajun Niu, Monica Madrid, Taeyoung Yang, Majid Manteghi, John Booske, Mustafa Aksoy, Eric Mokole, Salvatore Campione, Filippo Capolino, Ying Hu, Art Densmore, Jimmy Alatisha, Daniel Sjoberg

### **Members in Attendance**

Prof. Jennifer Bernhard, Dr. Gary Brown, Prof. Danilo Erricolo, Dr. David Giri, Prof. Susan Hagness, Dr. Michael Havrilla, Dr. Christopher Holloway, Prof. David Jackson, Dr. Joel Johnson, Prof. Yahya Rahmat-Samii, Prof. Jamesina Simpson, Prof. Sembiam Rengarajan, Dr. Edward Rothwell, Dr. Ross Stone, Prof. Piergiorgi Uslenghi, Prof. John Volakis, Dr. Karl Warnick, Dr. Steven Weiss, Prof. Donald Wilton, Dr. Amir Zaghloul

Respectfully submitted by

Jamesina Simpson

Secretary