

**USNC-URSI Commission F Business Meeting**  
**2008 National Radio Science Meeting**  
**Boulder, Colorado**  
**January 4, 2008**

1. New Members in USNC URSI Commission F:
  - a. Saba Mudaliar, AFRL
  - b. William Blackwell, MIT/LL
  - c. Alakananda Paul, NTIA
  - d. Akira Ishimaru, Univ. of Washington
2. Past Meetings (see agenda below)
3. Present Meeting (USNC/URSI Jan 3-6, 2008, Boulder CO.
  - a. Abstracts 318
  - b. Attendance 249, regular 148, students/retirees 101
  - c. Commission F:
    - i. 5 organized special sessions (one joint with B) - 37 papers
    - ii. Very few papers outside of Special Sessions. Were there too many Special Sessions?
  - d. Student travel fellowship grants
    - i. \$600 for 1<sup>st</sup> author students from US universities
    - ii. 73 Students supported
    - iii. Organized by Steve Reising
  - e. Student Paper Contest:
    - i. 8 Papers submitted (Awards \$1000, \$750, and \$500 + Travel expenses)
    - ii. No Commission F paper among finalists
    - iii. Contest organized by Steve Reising.
4. Future Meetings (see agenda below)
5. Mike Newkirk was elected Secretary, USNC Comm F for 2009-2011.
6. Special Sessions and Organizers at the 2009 USNC URSI Boulder meeting.
  - a. Propagation Modeling and Measurements – Dockery
  - b. Passive Remote Sensing of the Earth’s Environment – Westwater & Reising
  - c. Remote Sensing of Rainfall – Chandrasekar
  - d. Sea Surface Scattering – Wasylkiwskyj
  - e. Open Problems in Remote Sensing – Gasiewski
7. Commission F will participate in:
  - a. 2009 IEEE AP-S URSI, Charleston, SC.
  - b. 2010 IEEE AP-S URSI, Toronto, Canada.
8. Nominations for Members-at-Large of USNC: Steve Reising and Janet Stapleton
9. Nominations for a person to run the Student Paper Competition and Student Travel Awards (V. Chandrasekar and J. Johnson, Tentatively).
10. Possibility of a new date for the National Radio Science Meeting: We voted and decided not to bother moving the URSI NRSM.

11. Chairs of National Committees of URSI Comm F will be asked for nominations for Vice Chair of International Commission F.
12. 2008 General Assembly Preparations: The XXIX General Assembly of the International Union of Radio Science will be held at the Hyatt Regency Chicago Hotel in downtown Chicago, Illinois, August 07-16, 2008
13. New Business (Boulder 2008):
  - a. Remote Sensing Education
    - i. What preparation are we giving for people in the remote sensing field?
    - ii. Radio science education does not get what it deserves with the funding agencies. Can URSI suggest some research priorities to the funding agencies? Suggest the value of this type of education for NASA and related federal agencies.
  - b. Roger Lang was congratulated for all of his work during the past three years.

**Attendance List**  
**(M = USNC-URSI Commission F Member, G = Guest)**

W. Ross Stone (M)	G. Daniel Dockery (M)
Ed R. Westwater (M)	Gary Brown (M)
Steven C. Reising (M)	Marian Klein (M)
Frederick Solheim (M)	Roger Lang (M)
Al Gasiewski (M)	Akira Ishimaru (G)
Reginald J. Hill (M)	Phil Chilson (G)
Jakov Toporkov (M)	Christophe Heine (G)
David Hill (M)	Eric McIntyre (G)
Edward J. Walsh (M)	Sharmila Padmanabhan (G)
Robert E. Marshall (M)	Mehmet Kurum (G)
Valery Zavorotny (M)	Yalcin Tarkocin (G)
Tommy Thompson (M)	David Lang (G)
Janet Stapleton (M)	Raymond P. Wasky (G)

**USNC-URSI Commission F Business Meeting**  
**January 3-6, 2008 Boulder, Colorado**  
**AGENDA**

Welcome

Pass around Membership List for Update

Pass around Sign in List

Approval of 2007 Minutes (July 22-26, 2007, Ottawa, Canada)

**Election of new members** (Al Gasiewski for Mike Newkirk - Membership Chairman)

## Past Meetings

USNC/URSI January 2007

No meeting.

Yearly USNC/URSI meeting occurring in Ottawa, July 22- 26, 2007.

USNC/CNC North American Radio Science Meeting July 22-26, 2007

Attendance 550, regular 380, students/retirees 170 (estimate as of 7/22/07)

Commission F: 5 Regular sessions

2 Joint sessions (one with B & one with C)

Student travel fellowship grant (\$700 for 1<sup>st</sup> author students from US universities) 83 Students supported (Steve Reising).

Student Paper Contest: 21 Papers submitted (Awards \$1000, \$750, and \$500 + Travel expenses). Contest organized by Steve Reising.

IGARSS July 23-27, 2007 Barcelona, Spain

Joint USNC Commission F Business meeting with URSI meeting in Ottawa, Canada (by teleconference).

IEEE AP-S Meeting, Honolulu, Hawaii June 2007

No URSI participation.

Eleventh URSI Commission F Triennial Open Symposium on Radio Wave

Propagation and Remote Sensing, Oct. 30 to Nov. 2, 2007 held at Pontifícia Universidade Católica (PUC) in Rio de Janeiro, Brazil (about 60 attendees).

## Present Meeting

USNC/URSI Jan. 3-6, 2008

Abstracts 318 Attendance 249, regular 148, students/retirees 101 (estimate as of 1/2/08)

Commission F: 5 organized special sessions (one joint with B)

Student travel fellowship grant (\$600 for 1<sup>st</sup> author students from US universities) 73 Students supported (Steve Reising).

Student Paper Contest: 8 Papers submitted (Awards \$1000, \$750, and \$500 + Travel expenses) *No Commission F paper among finalists*  
Contest organized by Steve Reising.

## Future URSI and Related Meetings

2008 APS/URSI Meeting San Diego, CA, July 5-11, 2008

2008 IGARSS Boston, MA, July 6-11, 2008

2008 URSI General Assembly, Chicago, IL, Aug 7-16, 2008

2009 USNC/URSI meeting, Boulder, CO, January 2009

2009 IEEE APS/URSI meeting, Charleston, SC, May 31- June 6, 2009

2009 IGARSS Cape Town, South Africa, July 13-17, 2009

2010 IEEE APS/URSI meeting, Toronto, Ontario, Canada, July 10-17, 2010

(not a North American URSI Meeting)

2010 IGARSS Honolulu, Hawaii, July 26-30, 2010 (Tentative)

2011 IEEE APS/URSI meeting, Spokane, Washington July 3-9, 2011 (just approved by the USNC)

2011 IGARSS Sendai, Japan, August 1-5, 2011 (Tentative)

2012 IEEE APS/URSI meeting, Chicago, IL, July 8-13, 2012

2012 IGARSS Munich, Germany, July 22-27, 2012 (Tentative)

2013 IGARSS Melbourne, Australia

### **Action Items**

1. Elect new USNC Commission F Officers.  
Present Officers: Chair – Roger Lang, Vice Chair – Al Gasiewski  
Secretary – Steve Reising  
New Officers Chair Al Gasiewski, Vice Chair – Steve Reising  
Secretary – need nominations
2. Propose special sessions and organizers at the 2009 Boulder meeting.
3. Decide if Commission F will participate in the AP-S/URSI Summer Meetings in 2009 (Charleston) and 2010 (Toronto). Note that 2010 meeting will also include Canadian (URSI CNC) participation.
4. URSI Member-at-Large – nominations.
5. Suggestions for someone to run the Student Paper Competition and Student Travel Awards (replace Steve Reising).
6. New date for National Radio Science Meeting (Boulder Spring Recess)

### **Important Dates**

1. URSI General Assembly will take place in Chicago, Aug 7-16, 2008
  - Abstracts for URSI General Assembly are due Jan 31, 2008
  - Special poster sessions at the URSI General Assembly need to be decided on by Jan 31, 2008.
  - Papers for the student paper competition at URSI GA due Jan 31, 2008
  - Any student at a U.S. university who is first author of a paper accepted for the URSI GA will receive free hotel for 10 days.
2. Abstracts for IEEE APS/URSI meeting in San Diego due Jan 15, 2008

### **Information Items**

1. Chalmers Butler, Vice President of International URSI, is chairing a committee to nominate commission members for Vice Chairs of International URSI Commissions plus the position of International Vice Chair of International URSI. Present Officers of International Commission F are:  
Chair - Piotr Sobieski, Belgium  
Vice Chair - Madhu Chandra, Germany
2. Need nominations for Vice Chair of USNC/URSI to start in January 1, 2009.
3. Recommendations for young scientists should be sent to Yahya Rahmat-Samii (scientists under 36 years old). The deadline is Jan 31, 2009.

**New Business**

1. Discussion of remote sensing education.
2. URSI role in suggesting research priorities to government agencies (e.g., NASA)

**Adjourn**