

# **July 8, 2008 – URSI Commission A Boulder, CO**

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# Agenda

- Welcome and Guests: ***Attendance List*** & Officers
- Minutes of the January 2008 Meeting (Boulder)
- Meetings: Upcoming & Topics
- Membership, new nominations
- Technical Activities
- Old Business
- New Business
- Adjourn (Next Meeting –August, Chicago)

# Jan 2008 – URSI/USNC Commission A

## Minutes, Boulder, CO, USA


1. Welcome and Guests: Attendance List & Officers
2. Change in the chair position: Vijay Nair stepped down. Ozlem Kilic took on the chair responsibility one year ahead of the planned schedule.
3. Reviewed upcoming meetings. Next meeting URSI GA in Chicago, August 2008
3. Reviewed recommendations/deadlines for General Assembly
4. Discussed participation in the special poster sessions in the General Assembly.
5. Discussed increasing the membership and possible sources of recruiting. NIST, AMTA, IEEE I&M Society were identified as possible sources.
6. Membership:
  - Reviewed requirements for membership
  - New members:  
Associate: None  
Full Members: Helen Pan, Intel Corp.

# Jan. 2008 Minutes continued

8. Technical Activities: Sessions: (# Papers):  
13 papers were submitted. One paper was moved to URSI B session. The others were organized as follows:
  - URSI A – 1 special session (Antennas for Wireless Communications (6)),
  - 1 regular session (Measurement Techniques and Models for EM Applications (6)), and
  - Speaker for the plenary session
9. 1 student paper finalist for the student paper competition

# Jan. 2008 Minutes continued

## 10. USNC Discussion Issues:

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- All commissions need to appoint vice chairs by the General Assembly. Ozlem Kilic will contact the organizations identified as possible sources of new memberships in response to this issue.
  - Commissions are asked to nominate candidates for the international Commission A Vice Chair positions. Commission A recommends William A. Davis as a candidate.
  - Commissions were asked for nominations for the Student Paper Contest chair to replace Steve Reising after the General Assembly.
  - Commissions were asked to nominate candidates for the USNC URSI Secretary position. Commission A recommends Ronald J. Pogorzelski as a candidate.

11. Old Business – None

12. New Business – None

13. Adjourn

14. Attendees: 5 Members: Ozlem Kilic (Chair), Bill Davis, Ron J. Pogorezelski, Carl E. Baum, Ross Stone, 2 guests: Chris Holloway, Taeyoung Yang.

# Meetings: Upcoming & Topics

- 2009 USNC URSI NRSM Meeting, Boulder, CO 5-8 January
- 2009 APS/URSI Joint Meeting  
Charleston, SC 31 May – 6 June
- 2010 APS/URSI Joint Meeting Toronto, Canada 10-17 July
  - 2010 Not a North American Radio Science Meeting
- 2011 APS/URSI Joint Meeting  
Spokane, 3-7 July
- 2012 APS/URSI Joint Meeting Chicago, 8-13 July



# Technical Activities 2008 AP-S/URSI

- Submitted/Accepted papers:
  - AP-S: 1284/1253 (79%), URSI: 337/334 (21%)
  - Oral/Poster
- 4 URSI A sessions
  - Surface Propagation and Scattering (AP-S/URSI A)
  - Antenna Measurements and Calibration (AP-S/URSI A)
  - Material Characterization (URSI A)
  - Measurement of Metamaterial Enhanced Antennas (URSI A)

# Membership

## ■ Requirements:

- Technical Competence
- Interest in URSI
- Guidelines for Assoc:
  - 1-2 Single Author papers, 3-4 overall
  - 2 URSI presentations (at least 1 from A)
- Guidelines for Full:
  - 3-4 Single Author papers, 5-6 overall
  - 3 URSI presentations (at least 2 from A)

## ■ Nominations for Full Member

- Steven Weiss, U.S. Army Research Laboratory, Adelphi, MD



# Steven J. Weiss

## ■ **Education:**

- Rochester Institute of Technology, BSEE, 1985
- The George Washington University, MSEE, 1989
- The George Washington University, D.Sc. 1995

## ■ **Experience:** 25 year of work experience as a design and research engineer. Presently team lead for the antenna team at the Army Research Lab.

## ■ **Research:** Novel antenna structures for military applications.

## ■ **URSI Presentations:**

- "Development of a Flexible Electrically-Scanned Array Using a Rotman Lens," Theodore K. Anthony, Steven J. Weiss 2008 URSI General Assembly Meeting
- "Measurements of Refraction Focusing Using Negative-Refractive-Index Metamaterials," A. I. Zaghloul, Y. Lee, S. Weiss APS/URSI 2008, San Diego.
- **Session Chair for URSI A/AP-S joint session on Metamaterial Antenna Measurements, 2008 AP-S/URSI**

## ■ **Attendance:** All URSI meetings held with the Antennas and Propagation conference from 1995 to present.

## ■ **Journal Publications:**

- Steven J. Weiss and Walter K. Kahn, "An Experimental Technique Used to Measure the Unloaded Q of Microstrip Antennas," IEEE Transactions on Antennas and Propagation, vol. 48, no. 1, pp. 119 - 122, January 2000.
- Steven J. Weiss and Walter K. Kahn, "Decomposition of Electromagnetic Boundary Conditions at Planar Interfaces with Applications to TE and TM Field Solutions," IEEE Transactions on Antennas and Propagation, vol. 46, no. 11, pp. 1687 - 1691, November 1998. Steven J. Weiss and Walter K. Kahn, "Measurement of Simple Resonant Equivalent Circuits for Microstrip Antennas," IEEE Transactions on Microwave Theory and Techniques, vol. 44, no. 8, pp. 1513 - 1516, August 1996.

## ■ **Comments:** Fellow, Washington Academy of Science Session Chair for URSI at APS/URSI for Commission A in San Diego.

# Membership continued

- Secretary Position open, recommendations?
- Need recruiting for new membership

# End of the line

- Old Business
- New Business
- Adjourn (Next Meeting – August 2008, Chicago)