



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

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R. Baktur, Chair  
S. Sharma, Secretary  
T. Karacolak, Technical Activities Chair

K. Warnick, Vice-Chair  
S. Weiss, Membership Chair

*Please reply to: Satish K. Sharma, [ssharma@sdsu.edu](mailto:ssharma@sdsu.edu)*

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### **USNC-URSI Commission B Business Meeting Minutes: The USNC-URSI Commission B Business Meeting, July 14, 2025, Ottawa, Canada**

July 14, 2025 at 5:00 PM (EST)

#### **1. Introduction**

- Chair Reyhan Baktur called the meeting to order.
- Welcomed members and guests to sign the attendance sheet, including hardcopy attendance if one cannot use the QR code.

#### **2. Chair Report, Reyhan Baktur**

- Chair mentioned USNC-URSI Commission B Officers from 2024 to 2026.
- Chair mentioned USNC-URSI 2024-2026 Leadership.
- Chair mentioned that Commission B's page has the past minutes, newsletter, and more: [https://usncursi.org/commission\\_b.php](https://usncursi.org/commission_b.php)
- Meeting minutes from the last meeting on January 8, 2025, have been posted ([https://usncursi.org/commission\\_b.php](https://usncursi.org/commission_b.php) under the Minutes section) and were approved unanimously.
- Chair mentioned that we would keep posting the meeting minutes as per the January 8, 2025 business meeting's straw vote. Please share your opinion if any members wish to have any changes.
- Chair mentioned the Commission B's two Newsletters so far. She thanked its editor, Dr. Lauren Linkous. The early career and associate members can contribute by contacting Dr. Lauren Linkous. We welcome collaboration with other commissions. The newsletters will be archived.

- Chair mentioned that USNC-URSI has a new YouTube channel (<https://www.youtube.com/channel/UCKKfgrBLjvWQN6544xKf5KQ>). NRSB Website: <https://nrsmboulder.org> and USNC-URSI Website: [www.usncursi.org](http://www.usncursi.org). LinkedIn: <https://www.linkedin.com/company/100634179/>. She further added that we have a commission B image created by ChatGPT, but we are open to new designs and ideas.
- Chair discussed the benefits of becoming a member of the USNC-URSI Commission B at no cost. Interested should apply at: <https://usncursi.org/membership.php>. She mentioned bringing students to URSI business meetings, introducing them to URSI, and making them members.
- Chair discussed the URSI and USNC-URSI Awards and their upcoming deadlines. Additional information about these awards can be found at <https://www.ursi.org/awards.php> and [https://usncursi.org/usnc\\_awards.php](https://usncursi.org/usnc_awards.php). She encouraged members to nominate colleagues for these awards.
- Chair mentioned the current/upcoming conferences: (i) Joint IEEE AP-S and North American Radio Science Meetings (2025 Ottawa, 2026 Detroit, 2027 Kyoto, 2028 San Diego), (ii) URSI AP-RASC in Sydney (August 2025), (iii) NRSB 2026 in Boulder (January 226), (iv) URSI GASS is in Krakow, Poland (August 2026).
- Chair discussed the 2026 NRSB planning. The chair also inquired about potential workshop and short course ideas for NRSB 2026, given the remaining time.
- Chair asked for ideas for the Plenary Session. She requested that we share any recommendations for potential titles and speakers. It was also mentioned that International speakers are welcome. In response, members suggested some experts' names and organizations such as AST, James Webb telescope, Michigan State University, NIST Boulder, and University of California, San Diego.
- Chair mentioned that George Uslenghi and Don Wilton have kindly agreed to co-organize a special session in memory of Chalmers Butler at the 2026 NRSB.
- Chair discussed about USNC-URSI E-Lectures activity. She asked about ideas for future E-lecture speakers (names and emails). Some concerns were raised about attendance in these lectures. Additional efforts will be made to announce these E-Lectures so that attendance can be increased. Videos of previous E-Lectures are available on our YouTube channel.
- Chair mentioned that we are currently looking to fill the following positions: Commission E Vice-Chair (Electromagnetic Environment and Interference), and Commission J Vice-Chair (Radio Astronomy). Please contact USNC-URSI Chair, Jamesina Simpson, if you are interested in serving!
- Chair mentioned that the Sponsors and Exhibitors Committee needs volunteers. We seek volunteers to serve on this committee and help us secure sponsors and exhibitors for the 2026 NRSB. If someone from the commission is interested in serving, please provide names and email addresses.
- Chair discussed that the USNC-URSI needs a bigger / better social media presence and asked if someone from the commission is interested in helping us build this presence. Interested volunteers should provide names and email addresses.
- Chair mentioned the Radio Science Letters, which is a peer-reviewed open-access publication. She encouraged senior members to consider submitting to this journal, highlighting its benefits.

- Chair discussed the qualifications and experience for becoming a member of the USNC-URSI Commission B. She also discussed getting an Individual Membership in URSI (International). Nominations for (full, associate, early career) should be submitted online.
- **Additional Discussion Items by the members:** (i) To resolve the issue of people not getting a visa for attending the conference, by contacting the National Academy, (ii) Is student support for 80-100 students still valid? Where do the funds come from? Coming from the National Academy, or private reserves, exhibitors, registration?, (iii) Since the next NRSM will happen at a hotel, there should be more space, so can we bring exhibitors to support the conference?, (iv) Collaborate with IEEE talent search committee and (vi) Kamal Sarabandi and Cynthia Furse got awards, members congratulated them.

### 3. Membership Committee Report, Steven Weiss

No membership application was brought for discussion. Plans for membership growth were discussed, including asking potential members to attend the meeting and creating networking opportunities for students, early career members, in addition to all members.

### 4. Technical Activities Report, Tutku Karacolak (by Karl Warnick)

A report on statistics for the 2025 Joint IEEE AP-S and North American Radio Science Meetings (Ottawa) and 2025 NRSM was presented and compared with previous versions of this conference. It was noticed that the number of withdrawn papers for AP-S/URSI 2025 has increased. Special sessions for 2026 NRSM need more topics. Get in touch with Tutku for Special session requests. Information for proposing additional special sessions was shared.

One of the members asked if anyone could submit papers to a special session, or if it should be based on the invitations. Special session organizers need to send out the call for papers and can also send reminder emails to encourage submissions. Organizers' names should be added to each special session for the Boulder NRSM 2026 conference.

One of the members mentioned the Special sessions for the next AP-S/URSI 2026.

### 5. Additional business

None

### 6. Meeting adjourned at 6.00 PM

**Members attending** (*Not in alphabetic order*): Amber Nunnally, Reyhan Baktur, Satish Sharma, Steven Weiss, Karl Warnick, Sima Noghianian, David Jackson, Constantinos L. Zekios, Stuart Long, Kai Ren, Cindy Furse, Majid Manteghi, Ifana Mahbub, Sanghamitro Das, Susan Hagness, Junming Diao, Amir Boag, Ioannis M Besieris, Richard W. Ziolkowski, Danilo Erricolo, John Volakis, Kamal Sarabandi, Ahmad Hoorfar, Raj Mittra, Gary Brown, Art Yaghjian, Eric Mokole, Yahya Rahmat-Samii.

**Guest attending** (*Not in alphabetic order*): Sarah Johnson, Michael Sauche

**Minutes submitted by Satish Sharma, Secretary**

# Welcome

## The USNC-URSI Commission B Business Meeting

July 14, 2025  
Ottawa, Canada

SCAN ME





## **CHAIR REPORT**

- Welcome to members and guests
- USNC and International URSI officers
- Approval of 2025 Summer Meeting Minutes
- Upcoming meetings
- Discussion Items

## **COMMITTEE REPORTS**

- Technical Activities Report (Karl Warnick, Tutku Karacolak)
- Membership Report (Steven Weiss)
- Old business
- New business
- Adjourn



## Welcome, Guest introductions

### SCAN ME



# USNC-URSI Commission B 2024-2026 Leadership



**Reyhan Baktur**

**Chair**

ECE Dept.

Utah State University

E-mail: [reyhan.baktur@usu.edu](mailto:reyhan.baktur@usu.edu)



**Satish Sharma**

**Secretary**

ECE Dept.

San Diego State University

E-mail: [ssharma@sdsu.edu](mailto:ssharma@sdsu.edu)



**Karl Warnick**

**Vice Chair**

ECE Dept.

Brigham Young University

E-mail: [warnick@ee.byu.edu](mailto:warnick@ee.byu.edu)



**Steven Weiss**

**Membership Committee Chair**

Army Research Lab

E-mail: [steven.j.weiss14.civ@mail.mil](mailto:steven.j.weiss14.civ@mail.mil)



**Tutku Karacolak**

**Technical Activity Chair**

ECE Dept.

Washington State University

E-mail: [tutku.karacolak@wsu.edu](mailto:tutku.karacolak@wsu.edu)



Board on International Scientific Organizations

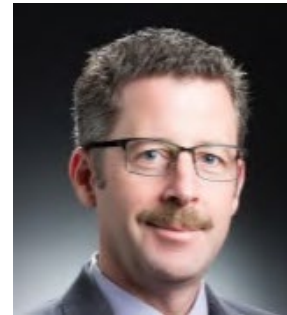
U.S. National Committee for the  
International Union of Radio Science

National Academy of Sciences

## USNC-URSI 2024-2026 Leadership



Jamesina Simpson  
USNC Chair  
Professor, Dept. of Electrical and  
Computer  
Engineering, University of Utah  
E-mail: jamesina.simpson@utah.edu



Michael H. Newkirk  
USNC Immediate Past Chair  
Principal Professional Staff  
The Johns Hopkins University  
Applied Physics Laboratory  
E-mail:  
Michael.Newkirk@jhuapl.edu



Christopher Anderson  
USNC Secretary and Chair-Elect Electrical  
Engineer  
NTIA/ITS  
Email: canderson@ntia.gov



Gary S. Brown  
USNC Accounts Manager  
Bradley Distinguished Professor of  
Electromagnetics,  
Virginia Polytechnic Institute & State  
University  
E-mail: randem@vt.edu



Ourania "Rania" Kosti  
Director Board on International Scientific  
Organizations  
The National Academies  
E-mail: okosti@nas.edu



Ana Ferreras  
Senior Program Officer  
Board on International Scientific  
Organizations  
The National Academies  
E-mail: AFerreras@nas.edu



# Website

[www.usncursi.org](http://www.usncursi.org)

Commission B's page has the past minutes, newsletter, and more.

[https://usncursi.org/commission\\_b.php](https://usncursi.org/commission_b.php)

# Approval of the Last Meeting Minutes

- ❖ Will someone make a motion to approve?
- ❖ We are still posting our minutes. There are discussions and opinions about not posting minutes. But from a straw vote in our last business meeting, we voted to keep posting. Please share your opinion if you wish to have any changes.

# Commission B Has Its Own Newsletter!

- ❖ We have two newsletters so far.
- ❖ Going strong and steady.
- ❖ Good job Dr. Lauren Linkous.
- ❖ We want to keep it running.
- ❖ Great place for students and early career members to contribute.
- ❖ We welcome collaboration with other commissions.

# USNC-URSI has a YouTube Channel!

- <https://www.youtube.com/channel/UCKKfgrBLjvWQN6544xKf5KQ>
- NRSM Website: <https://nrsmboulder.org>
- USNC-URSI Website: [www.usncursi.org](http://www.usncursi.org)
- LinkedIn: <https://www.linkedin.com/company/100634179/>



# Apply for Membership in Our Commission

- No Cost
- Benefits:
  - Discounted registration at the NRSM
  - Eligibility to serve in USNC-URSI leadership positions
  - Eligibility to vote on topics relating to the commissions
  - Receive notifications of USNC-URSI activities and opportunities
- Apply at: <https://usncursi.org/membership.php>

# URSI and USNC-URSI Awards

- You may still be able to put your nomination through.
- USNC-URSI Awards
  - Due Aug. 1, 2025
  - More info: [https://usncursi.org/usnc\\_awards.php](https://usncursi.org/usnc_awards.php)
  - Chair's Award, Distinguished Radio Science Award, Outstanding Educator Award, Impact Award
- URSI Awards
  - Due to USNC-URSI by July 1, 2025
  - More Info: <https://www.ursi.org/awards.php>
  - Balthasar Van der Pol Gold Medal, Booker Gold Medal, Appleton Prize, Isaac Koga Gold Medal, Santimay Basu Prize, John Howard Dellinger Medal, Karl Rawar Gold Medal, The President's Award.

# Conferences

- The Joint IEEE AP-S and North American Radio Science Meeting in Ottawa!  
13 – 18 July 2025  
Submission deadline: 20 January 2025  
(2026 will be in Detroit, MI; 2027 in Kyoto, Japan; 2028 in San Diego, CA)
- URSI AP-RASC in Sydney!  
17 – 22 August 2025  
Submission deadline: 20 February 2025
- 2026 NRSM!  
January 2026  
Submission deadline: September 2025
- The next URSI GASS is in Krakow, Poland!  
15 – 22 August 2026

# 2026 NRSM Planning

- Special sessions, workshops, and short courses are in formation, but there is still time and room to get in.
- There may still be time to suggest plenary speakers.
- In the last meeting, many members suggested ideas such as SpaceX.
- International speakers for plenary session are welcome.
- So, please make your suggestions now or email me very soon so that I could advocate for you.



# A Special Session in Honor of Professor Chalmers Butler at 2026 NRSM

- Some of you may have heard that Chalmers Butler passed away last month. He was a past Vice-President of URSI and one of two Honorary Members of the USNC-URSI.
- George Uslenghi and Don Wilton have kindly agreed to co-organize a special session in memory of Chalmers Butler at the 2026 NRSM.

# USNC-URSI E-Lectures

- The 4th USNC-URSI E-Lecture will be given by Prof. Cynthia Furse and will be held on Oct. 27 at 1300 Mountain Time! The title is "Microwave Breast Cancer Detection: Past, Present and Future Directions". You can register for it here: [https://usncursi.org/e\\_lectures.php](https://usncursi.org/e_lectures.php)
- Videos of previous E-Lectures are available on our YouTube channel.
- The most recent E-Lecture was on Feb. 20, 2025:
  - “Our Electromagnetic Window on the Universe,” David DeBoer
- Previous E-Lectures Posted
  - “Cognitive Radio: Driving Future Spectrum Exploitation,” Sven G. Bilén
  - “Artificial Intelligence and Bio-Inspired Computational Techniques in Applied Electromagnetics,” Magdy F. Iskander
- Videos and details available at: [https://usncursi.org/e\\_lectures.php](https://usncursi.org/e_lectures.php)
- Do you have ideas for future E-lecture speakers? Please provide names and emails.

# Open Positions

We are currently looking to fill the following positions:

- Commission E Vice-Chair (Electromagnetic Environment and Interference)
- Commission J Vice-Chair (Radio Astronomy)

Please contact USNC-URSI Chair, Jamesina Simpson, if you are interested in serving!

# USNC-URSI Sponsors and Exhibitors Committee

- The committee is vacant. We need a champion and additional volunteers to help secure sponsors and exhibitors for the 2026 NRSM.  
<https://nrsmboulder.org/opportunities.php>
  - Student Mentoring Luncheon
  - Student Support (so we can continue to support ~80-100 students attending the NRSM)
  - New initiatives and events
- Who from your commission is interested in serving? Please provide names and email addresses.
- Do you have potential sponsor ideas and contacts? If so, can you reach out to them? And/or please provide names and contact info.
- USNC-URSI is looking for volunteers to serve on this committee and help us secure sponsors and exhibitors for the 2026 NRSM.
- Please let us know if you are interested or if you know someone who is interested in serving.

# Social Media Presence

- USNC-URSI needs a bigger / better social media presence. Who from your commission is interested in helping us build this presence? Please provide names and email addresses.

# Radio Science Letters

- Peer reviewed open access journal.
- Reduced page charges.
- <https://www.editorialmanager.com/RSL/>
- Challenges and benefits for us in long term.
- Senior members please consider contributing.

# Membership in USNC-URSI Commission B

- Nominations for (**full, associate, or early career**) membership in Commission B should be submitted online.
- Applications are due by **December 1** of each year to be considered during the January meeting (unless the January meeting is not being held as was the case in 2020) or by **May 1** of each year to be considered during the summer AP-S/URSI joint symposium.
- Nomination form at: <https://usncursi.org/membership.php>

## Individual Membership in URSI (International)

- By application through [www.ursi.org](http://www.ursi.org)
  - Requirements are similar to the USNC membership

# New Members: Requirements

Membership in Commissions of USNC-URSI predicated on technical competence in Radio Science/Engineering and interest in the activities of USNC-URSI and URSI.

- Evidence of **technical competence**: publications and accomplishments
- Evidence of **interest**: participation in URSI symposia
- *Allowances will be made for fewer articles of special significance, or for scientific and research accomplishments of unusual merit. NOTE: this is especially relevant to practitioners not able to publish.*
- Only Full members are considered voting members and may serve as officers; other member levels may serve on Committees, etc.

Member level	Citizen/residence	Journal	USNC-URSI/URSI presentations	USNC-URSI/URSI "in-commission"	Other
<b>Full</b>	US citizen or permanent resident	5-6	3	2	Scientific maturity & leadership
<b>Associate</b>	Reside in US (to remain)	2-3	2	1	
<b>Early Career (student)</b>	Enrolled at US university; ≤10 years after last degree	0	0	1	Attendance at 1 symposium
<b>Early Career (non-student)</b>	Employee at US univ., gov'n't, company AND reside in US; ≤10 years after last degree	0	0	1	Attendance at 1 symposium

Nominations for (full, associate, early career) should be submitted online.



# Membership Report

# Membership Growth

- What are some ideas for how your commission can grow your membership?  
Please list them and implement some of your ideas.

# Technical Committee Report

# Any Updates (not covered so far)

- Old Business?
- New Business?
- Adjourn.

# USNC/URSI Commission B Membership Committee

Steven Weiss (chair) – The Johns Hopkins University

Commission B  
July 2025

# Membership Guidelines

## **GUIDELINES FOR MEMBERSHIP IN USNC-URSI COMMISSIONS A-K** **August 2020**

- Nominees for Full Member must be citizens or permanent residents of the US.
- Nominees for Associate Member must reside in the US, and Associate Members must reside in the US to remain Associate Members. There is no citizenship or permanent residency requirement for Associate Members.
- Nominees for Early Career Member must be either (a) enrolled as a student at a US university, or (b) employed at a US university or government organization, or at a company with facilities in the US, and must reside in the US. Early Career Members must continue to reside in the US to remain Early Career Members. There is no citizenship or permanent residency requirement for Early Career Members.
- Nominees for Early Career Member are limited to individuals having ten (10) years or fewer of professional experience since their last academic degree (bachelor's or higher). The experience need not be continuous.
- Any member of the Commission can nominate qualified persons for Member, Associate Member, or Early Career Member in the Commission, provided that the person making the nomination holds a level of membership at least as high as the level for which the nomination is made. A separate nomination form should be completed for each nominee.
- No limit is imposed on the number of nominations which a Commission member can make if the nominees are from outside the sponsor's institution. A sponsor is allowed to nominate one person from his or her own organization for Member and one for Associate Member for consideration at any one regular meeting of the Commission. No limit is imposed on the number of Early Career Member Nominations.

# Membership Guidelines

- Membership in Commissions of USNC-URSI is predicated on technical competence in Radio Science/Engineering and interest in the activities of USNC-URSI and URSI. Evidence of technical competence is to be found from the nominee's publications and accomplishments, and evidence of interest in the activities of URSI is to be supported by the nominee's participation in URSI symposia. Guidelines for minimum requirements are as follows:
  - Full Member: Five to six journal publications and three USNC-URSI or URSI presentations, with two in the Commission. In addition, Member nominees should have evidence of scientific maturity and leadership in their work.
  - Associate Member: Two to three journal publications and two USNC-URSI or URSI presentations, with one in the Commission.
  - Early Career Member: co-author of one USNC-URSI or URSI presentation in the Commission and attendance at one USNC-URSI symposium.
  - Allowances will be made for fewer articles of special significance, or for scientific and research accomplishments of unusual merit.
- Nominations are normally considered only at the regular Business Meetings of the Commission. Exceptions to this (e.g., holding elections of new Members by email voting) are allowed by the USNC-URSI Constitution; the USNC-URSI Executive Committee (Chair, Secretary/Chair-Elect, Immediate Past Chair, and Accounts Manager) should be informed in advance of an email election of new Members. The results of the election must be forwarded to the USNC-URSI Executive Committee as soon as possible after the election is held.
- Early Career Members and Associate Members are nonvoting members of the Commission; Full Members are voting members of the Commission. Early Career Members and Associate Members may not serve as officers of the Commission. They may serve on committees of the Commission as directed by the Chair or Vice Chair of the Commission.

**USNC-URSI**

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Awards ▾



U.S. National Committee for the  
International Union of Radio Science

The only U.S. organization  
representing applied electromagnetics

USNC-URSI Commission Membership  
Commission Member Lists

<https://usncursi.org/membership.php>





# USNC-URSI Commission Membership

## USNC-URSI Commission Membership Overview

Individuals can become members of one or more of the ten USNC-URSI Commissions. There is no cost to becoming a member and there are no dues. However, individuals must demonstrate interest and participation in USNC-URSI and URSI-related activities, such as presenting their work at USNC-URSI and URSI-sponsored meetings (e.g., the [National Radio Science Meeting](#), or NRSM), and a strong record of peer-reviewed publications on URSI-relevant topics. The benefits of becoming a member of one or more Commissions include a discounted registration fee for attending the annual NRSM and jointly-sponsored conferences with the [IEEE Antennas and Propagation Society](#) (AP-S), eligibility to serve in [leadership positions](#), eligibility to vote on topics relating to the commission(s) as a Full Member, and notifications of [USNC-URSI activities and opportunities](#).

These [Membership Guidelines](#) explain how an individual may become a member of these USNC-URSI Commissions. If you have interest in joining one or more of these Commissions, please contact a current member or [chair\(s\) of the Commission\(s\)](#) you are interested in joining to discuss your eligibility. Current Commission members may nominate new members by completing [this application](#), and email it to the relevant Commission Chair(s) to which you are applying. Self-nominations are encouraged after consulting with the Commission Chair. New members are typically elected during Commission Business meetings held in conjunction with the NRSM or NARSM.

## Early Career Membership

In particular, USNC-URSI actively encourages students and those who are in the early stages of their careers (within 10 years of their last degree) to apply for an early career membership. Early Career Members must only have coauthored one USNC-URSI or URSI presentation, and they must have attended one USNC-URSI symposium. Otherwise, early career members must reside in the U.S.; however, no citizenship or permanent residency is required.

## USNC-URSI Application for Membership

Thank you for your interest in membership in one of the ten USNC-URSI Commissions. Please review the [requirements](#) for each membership level before proceeding and then email this completed form to the [Commission Chair \(to which you are applying\) with a Cc to the Commission Vice-Chair \(if the position is not vacant\)](#).

### Nominee:

- **Name:** \_\_\_\_\_
- **Organization:** \_\_\_\_\_
- **Email:** \_\_\_\_\_
- **Phone:** \_\_\_\_\_
- **Citizenship:** \_\_\_\_\_  
(U.S. Citizen, Permanent Resident, or Neither)
- **For Associate Member applicants: Do you reside in the U.S.?** \_\_\_\_\_
- **For Early Career applicants: Do you attend a U.S. University or are you employed at a U.S. government organization or a company with facilities in the U.S.?** \_\_\_\_\_

### Category of Membership:

- **Commission:** \_\_\_\_\_  
(A – Electromagnetic Metrology; B – Fields and Waves; C – Radiocommunication Systems and Signal Processing; D – Electronics and Photonics; E – Electromagnetic Environment and Interference; F – Wave Propagation and Remote Sensing; G – Ionospheric Radio and Propagation; H – Waves in Plasmas; J – Radio Astronomy; K – Electromagnetics in Biology and Medicine)
- **Membership Level:** \_\_\_\_\_  
(Full Member, Associate Member, or Early Career Member)

### A Member of the Commission who knows the Nominee (optional):

- **Name:**
- **Organization:**
- **Email:**
- **Phone:**

### QUESTIONS:

1. Briefly describe your educational background, including institution(s), degree(s), and years attended.
2. Briefly describe your work / research-related radio science experience.

3. List your journal publications.

4. List your URSI-related conference presentations (provide complete citations).

5. List your URSI-related activities (conferences attended, business meetings attended, sessions chaired, etc.).

6. List your recognitions (honors, awards, patents, etc.).





**2025 IEEE International Symposium on Antennas & Propagation and North American Radio Science Meeting**  
**13 - 18 July 2025 • Ottawa, Canada**

**URSI Commission-B  
Special Sessions & Stats**

**14 July 2025  
Ottawa, Canada**

**Tutku Karacolak  
Washington State University Vancouver**



2025 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting

13-18 July 2025 • Ottawa, Canada

Papers submitted, accepted, rejected, and withdrawn

(Breakdown: AP, URSI, URSI Commissions)

Submitted	Accepted	Rejected	Withdrawn
Total Submitted: 1295	Total Accepted: 1166	Total Rejected: 59	Total Withdrawn: 70
- AP Submitted: 968	- AP Accepted: 862	- AP Rejected: 53	- AP Withdrawn: 53
- URSI Submitted: 327	- URSI Accepted: 304	- URSI Rejected: 6	- URSI Withdrawn: 17

2025 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, Ottawa

URSI	Submitted Papers	Accepted Papers	Rejected Papers	Withdrawn Papers	Sessions
A	27	24	2	1	2
B	191	180	2	9	20
C	18	16	0	2	2
D	21	18	1	2	2
E	3	3	0	0	0
F	14	14	0	0	2
G	--	--		--	--
H	--	--		--	--
J	--	--		--	--
K	12	11	0	1	1
URSI Special	41	38	1	2	
Total	327	304	6	17	29

AP-S	Regular Sessions	Special Sessions
	93	18

2024 IEEE International Symposium on Antennas and Propagation and ITNC-USNC-URSI Radio Science Meeting

14-19 July 2024 • Florence, Italy

Papers submitted, accepted, rejected, and withdrawn

(Breakdown: AP, URSI, URSI Commissions)

Submitted	Accepted	Rejected	Withdrawn
Total Submitted: 2022	Total Accepted: 1836	Total Rejected: 28	Total Withdrawn: 158
- AP Submitted: 1603	- AP Accepted: 1464	- AP Rejected: 27	- AP Withdrawn: 112
- URSI Submitted: 419	- URSI Accepted: 372	- URSI Rejected: 1	- URSI Withdrawn: 46

2024 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, Florence

URSI	Submitted Papers	Accepted Papers	Withdrawn Papers	Sessions
A	30	24	5	5
B	190	162	28	18
C	36	35	1	4
D	29	24	5	4
E	3	2	1	0
F	15	12	3	3
G	--	--	--	--
H	--	--	--	--
J	--	--	--	--
K	16	14	2	2
URSI Special	61	60	1	0
URSI Celebratory	39	39	0	1
Total	419	372	46	37

AP-S	Regular Sessions	Special Sessions	Celebratory Sessions
	163	20	6

2025 version of this symposium we have

URSI	Submitted Papers	Accepted Papers	Rejected Papers	Withdrawn Papers
B	191	180	2	9



2023 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting

13-28 July 2023 • Portland

Papers submitted, accepted, rejected, and withdrawn

(Breakdown: AP, URSI, URSI from US authors, URSI from non-US authors)

Submitted	Accepted	Rejected	Withdrawn
Total Submitted: 1464	Total Accepted: 1259	Total Rejected: 205	Total Withdrawn: 171
- AP Submitted: 1161	- AP Accepted: 998	- AP Rejected: 163	- AP Withdrawn: 134
- URSI Submitted: 303	- URSI Accepted: 261	- URSI Rejected: 42	- URSI Withdrawn: 37
- URSI from US: 143	- URSI from US: 136	- URSI From US: 7	- URSI from US: 7
- URSI from non-US: 160	- URSI from non-US: 125	- URSI From non-US: 35	- URSI from non-US: 30

Sessions		
AP-S	139	Includes SS
URSI	54	Includes SS
URSI US	--	Includes SS
URSI Non-US	--	Includes SS

SS: Special Session

2023 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, **Portland**

URSI	Submitted Papers	Accepted Papers	Withdrawn Papers	Sessions
<b>A</b>	16	16	0	5
<b>B</b>	148	131	17	25
<b>C</b>	39	24	15	6
<b>D</b>	17	15	2	4
<b>E</b>	9	6	3	2
<b>F</b>	16	13	3	6
<b>G</b>	-	-	-	-
<b>H</b>	-	-	-	-
<b>J</b>	-	-	-	-
<b>K</b>	15	15	0	3
URSI Special	43	41	2	16
Total	303	261	42	37

2025 version of this symposium we have

URSI	Submitted Papers	Accepted Papers	Rejected Papers	Withdrawn Papers
<b>B</b>	191	180	2	9

# 2022 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting

10-15 July 2022 • Denver

## Papers submitted, accepted, rejected, and withdrawn (Breakdown: AP, URSI, URSI from US authors, URSI from non-US authors)

Submitted	Accepted	Rejected	Withdrawn
<b>Total Submitted: 1473</b>	<b>Total Accepted: 1370</b>	<b>Total Rejected: 103</b>	<b>Total Withdrawn: 87</b>
- AP Submitted: 1160	- AP Accepted: 1082	- AP Rejected: 78	- AP Withdrawn: 65
- URSI Submitted: 313	- URSI Accepted: 288	- URSI Rejected: 25	- URSI Withdrawn: 22
- URSI from US: 169	- URSI from US: 164	- URSI From US: 05	- URSI from US: 04
- URSI from non-US: 144	- URSI from non-US: 124	- URSI From non-US: 20	- URSI from non-US: 18

Sessions		
AP-S	140	Includes SS
URSI	59	Includes SS
URSI US	52	Includes SS
URSI Non-US	45	Includes SS

**SS: Special Session**

## 2022 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, **Denver**

URSI	Submitted Papers	Accepted Papers	Withdrawn Papers	Sessions
<b>A</b>	<b>15</b>	<b>13</b>	<b>00</b>	<b>04</b>
<b>B</b>	<b>150</b>	<b>139</b>	<b>10</b>	<b>26</b>
<b>C</b>	<b>29</b>	<b>21</b>	<b>01</b>	<b>04</b>
<b>D</b>	--	--	--	--
<b>E</b>	<b>10</b>	<b>09</b>	<b>01</b>	<b>02</b>
<b>F</b>	<b>25</b>	<b>24</b>	<b>01</b>	<b>06</b>
<b>G</b>	--	--	--	--
<b>H</b>	--	--	--	--
<b>J</b>	--	--	--	--
<b>K</b>	<b>31</b>	<b>30</b>	<b>01</b>	<b>07</b>
<b>URSI Special</b>	<b>53</b>	<b>52</b>	<b>01</b>	<b>22</b>
<b>Total</b>	<b>313</b>	<b>288</b>	<b>22</b>	<b>71</b>

2025 version of this symposium we have

URSI	Submitted Papers	Accepted Papers	Rejected Papers	Withdrawn Papers
<b>B</b>	<b>191</b>	<b>180</b>	<b>2</b>	<b>9</b>

# 2021 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting

4-10 December 2021 • Singapore

## Papers submitted, accepted, rejected, and withdrawn (Breakdown: AP, URSI, URSI from US authors, URSI from non-US authors)

Submitted	Accepted	Rejected	Withdrawn
<b>Total Submitted: 1773</b>	<b>Total Accepted: 1502</b>	<b>Total Rejected: 271</b>	<b>Total Withdrawn: 46</b>
- AP Submitted: 1239	- AP Accepted: 1072	- AP Rejected: 167	- AP Withdrawn: 36
- URSI Submitted: 267	- URSI Accepted: 215	- URSI Rejected: 52	- URSI Withdrawn: 5
- URSI from US: 87	- URSI from US: 72	- URSI From US: 15	- URSI from US: 1
- URSI from non-US: 180	- URSI from non-US: 143	- URSI From non-US: 37	- URSI from non-US: 4

	Sessions	
AP-S	133	Includes SS
URSI	52	Includes SS
URSI US	26	Includes SS
URSI Non-US	39	Includes SS

**SS: Special Session**

## 2021 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting, Singapore

URSI	Submitted Papers	Accepted Papers	Withdrawn Papers	Sessions
<b>A</b>	<b>14</b>	<b>10</b>	<b>0</b>	<b>05</b>
<b>B</b>	<b>132</b>	<b>109</b>	<b>03</b>	<b>29</b>
<b>C</b>	<b>22</b>	<b>16</b>	<b>02</b>	<b>05</b>
<b>D</b>	--	--	--	--
<b>E</b>	<b>07</b>	<b>07</b>	<b>0</b>	<b>03</b>
<b>F</b>	<b>22</b>	<b>17</b>	<b>0</b>	<b>07</b>
<b>G</b>	--	--	--	--
<b>H</b>	--	--	--	--
<b>J</b>	--	--	--	--
<b>K</b>	<b>19</b>	<b>16</b>	<b>0</b>	<b>03</b>
<b>URSI Special</b>	<b>49</b>	<b>39</b>	<b>0</b>	<b>20</b>
<b>Total</b>				

2025 version of this symposium we have

URSI	Submitted Papers	Accepted Papers	Rejected Papers	Withdrawn Papers
<b>B</b>	<b>191</b>	<b>180</b>	<b>2</b>	<b>9</b>



## List of Special Sessions AP-S/URSI 2025 (18 sessions, 144 papers)

MO-SS.1A: Advancing Sustainable Agriculture with Electromagnetic Innovations

MO-SS.2A: Artificial Intelligence and Bio-Inspired Computational Techniques In Electromagnetics II

MO-SS.1P: Artificial Intelligence and Bio-Inspired Computational Techniques in Electromagnetics I

TU-SS.1A: Professor Lotfollah Shafai: A Pioneer in Modern Antennas I

TU-SS.2A: Advances in High Power Microwave Antennas: Transitioning to Next-Generation Technologies

TU-SS.3A: Advanced 5G and Beyond: Communication and Channel Modeling

TU-SS.4A: Recent Advancements in Modeling, Inverse-Design and Measurement Techniques for Time-Modulated Electromagnetic Systems

TU-SS.1P: Professor Lotfollah Shafai: A Pioneer in Modern Antennas II

WE-SS.1A: Quantum Technologies Related to Electromagnetics I

WE-SS.2A: Emerging Technologies for Biomedical Applications

WE-SS.3A: Metasurface Antennas and Composites for Defense and Joint Communications and Sensing

WE-SS.4A: Millimeter-Wave, Sub-THz and Upper-Midband Channel Sounding with Phased-Array Antennas

WE-SS.2P: Advances in Antenna Measurement Techniques and Emerging Applications

WE-SS.1P: Quantum Technologies Related to Electromagnetics II

WE-SS.3P: Advanced Phased Arrays in Ground Terminals and Ground Stations for Low Earth Orbit (LEO) Satellite Communication Systems

TH-SS.1A: Advances in AI and Data-Driven Metasurface and Metamaterial Design

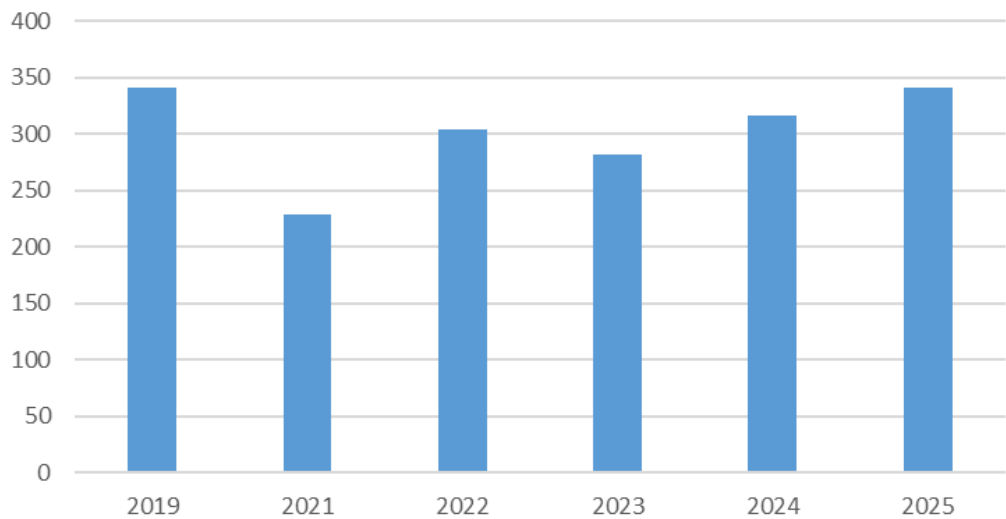
TH-SS.2A: Additive Manufacturing for High Gain and Wideband Innovative Antennas, Arrays, and Feeding Network

FR-SS.1A: Polarization Surfaces for Next-Generation Communications Systems

# NRSM 2025 Statistics

Category	2019	2021	2022	2023	2024	2025
Total Submissions	342	236	309	286	323	344
Total Accepted	341	229	304	282	316	341
Total Withdrawn	0	10	8	1	3	3
Total Presented	341	219	296	281	313	341
Number of Sessions	46	40	47	37	50	59
Number of Special Sessions	27	20	21	20	27	33

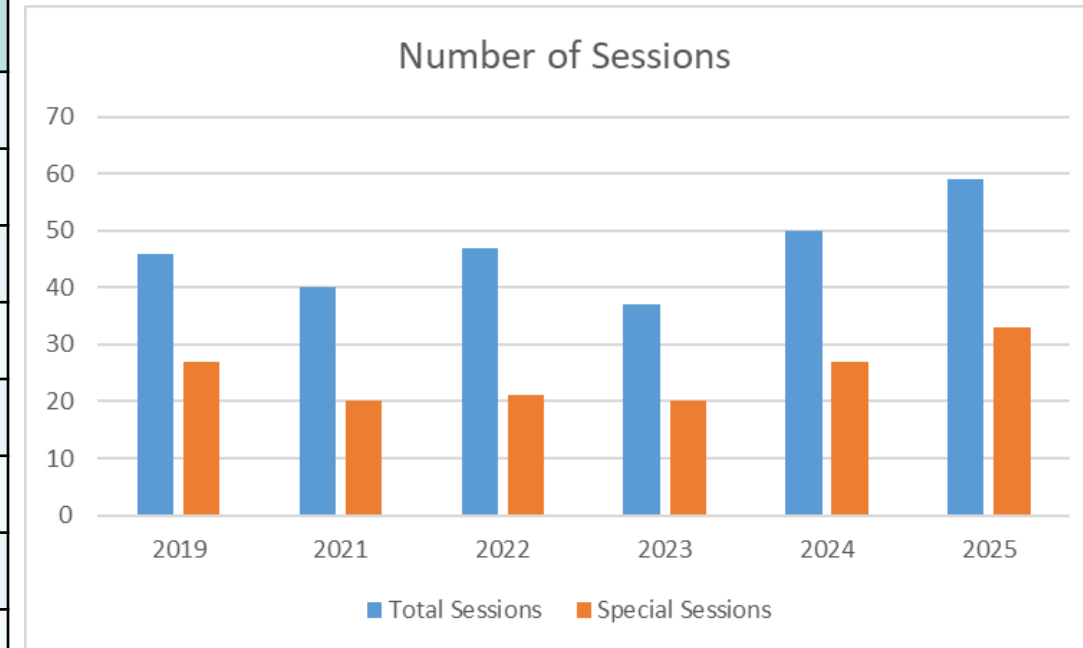
Number of Papers (Accepted)



2025	Total Submissions	Total Accepted	Total Withdrawn	Total Presented	Number of Sessions
A	12	12	0		2
<b>B</b>	<b>33</b>	<b>33</b>	<b>0</b>		<b>4</b>
C	3	2	1		2
D	9	9	0		2
E	7	7	0		2
F	25	25	0		4
G	12	11	1		3
H	11	11	0		2
J	24	24	0		3
K	12	12	0		2
SS (Special Sessions)	196	195	1		33

# National Radio Science Meeting Conference Statistics

Year	# Papers	# Sessions	# Travel Grants
2011	358	49	113
2012	369	47	104
2013	364	47	100
2014	399	54	115
2015	NARSM	NARSM	NARSM
2016	375	49	122
2017	425	56	137
2018	414	59	128
2019	341	46	109
2020	NARSM	NARSM	NARSM
2021	229	40	22
2022	304	47	--
2023	282	37	59
2024	316	50	78
2025	341	59	74



- In 2025, one page abstracts: 250 and two page summaries: 91
- In 2023, one page abstracts: 219 and two page summaries: 63
- In 2022, one page abstracts: 220 and two page summaries: 75
- In 2021, one page abstracts: 159 and two page summaries: 60
- In 2019, one page abstracts: 283 and two page summaries: 58

**Commission B Special Sessions confirmed so far, 2026 USNC-URSI NRSN, Boulder, Colorado**  
**9 special sessions July 9, 2025**

- ❖ Antennas and EM Systems for UAVs, UUVs, and Mobile Platforms
- ❖ Fundamental Perspectives on RFI: Spectrum Use, Emissions, and Analysis
- ❖ New Applications Enabled by Intelligent Surfaces in Future Wireless Networks
- ❖ NRDZ and Interference Mitigation
- ❖ Quantum Technology Applications (Joint Commission B/F/A)
- ❖ Non-LTI Electromagnetics – Progress, Challenges, and Opportunities
- ❖ Multifunctional Antennas and Arrays for Satellite and Wireless Communications
- ❖ Spectrum Management and Secure Communications
- ❖ Advanced Modeling Techniques and Algorithms in Computational Electromagnetics

## Proposed Commission B Special Sessions, 2025 USNC-URSI NRSM, Boulder, Colorado 13 special sessions (53 papers)

### 1. Near-field and Far-field Wireless Power Transfer

(4 papers) (Combined with #11 and #13)

(Joint Commission B and K Session): Sima Noghanian, CommScope ([sima\\_noghanian@ieee.org](mailto:sima_noghanian@ieee.org)) and Ifana Mahbub, Univ. of Texas, Dallas ([Ifana.Mahbub@utdallas.edu](mailto:Ifana.Mahbub@utdallas.edu))

### 2. Multifunctional Antennas and Arrays for Satellite and Wireless Communications

(3 papers)

Satish K. Sharma, San Diego State Univ. ([ssharma@sdsu.edu](mailto:ssharma@sdsu.edu)) and Jia-Chi S. Chieh, NIWC-Pacific ([jiachi.s.chieh.civ@us.navy.mil](mailto:jiachi.s.chieh.civ@us.navy.mil))

### 3. Quantum Technology Applications in Electromagnetics and Remote Sensing

(6 papers)

(Joint Commission B and F Session): Saba Mudaliar, AFRL ([saba.mudaliar@us.af.mil](mailto:saba.mudaliar@us.af.mil)) and Thomas Roth, Purdue University ([rothte@purdue.edu](mailto:rothte@purdue.edu))

### 4. Reconfigurable Intelligent Surfaces for Sensing and Imaging

(11 papers)

Mohammadreza F. Imani ([mohammadreza.imani@asu.edu](mailto:mohammadreza.imani@asu.edu)) and Georgios Trichopoulos ([gtrichop@asu.edu](mailto:gtrichop@asu.edu)), Arizona State University

### 5. Antennas for Planetary Exploration

(1 paper) (Combined with #8)

Justin Dennison ([Justin.Dennison@jhuapl.edu](mailto:Justin.Dennison@jhuapl.edu)) and Katherine Wolff ([Katherine.Wolff@jhuapl.edu](mailto:Katherine.Wolff@jhuapl.edu)), Johns Hopkins University Applied Physics Laboratory

### 6. Advanced Modeling Techniques and Algorithms in Computational Electromagnetics

(5 papers)

Ata Zadehghol, University of Idaho ([azadehghol@uidaho.edu](mailto:azadehghol@uidaho.edu)) and Johannes Russer, Technical University of Munich ([jrusser@tum.de](mailto:jrusser@tum.de))

### 7. Shaping Fields and Waves for a Smart Electromagnetic Environment

(1 paper)

Danilo Erricolo ([derric1@uic.edu](mailto:derric1@uic.edu)), Pai-Yen Chen ([pychen@uic.edu](mailto:pychen@uic.edu)), and Aritra Banerjee ([abaner33@uic.edu](mailto:abaner33@uic.edu)), University of Illinois Chicago

### 8. High Power Electromagnetic Environment Effects

(3 papers) (Combined with #5)

Avinash Sharma ([Avinash.Sharma@jhuapl.edu](mailto:Avinash.Sharma@jhuapl.edu)) and Zachary Epstein ([Zachary.Epstein@jhuapl.edu](mailto:Zachary.Epstein@jhuapl.edu)), Johns Hopkins University Applied Physics Laboratory

### 9. Reflectarrays and Reconfigurable Apertures

(5 papers)

John Volakis ([jvolakis@fiu.edu](mailto:jvolakis@fiu.edu)) and Stavros Georgakopoulos ([georgako@fiu.edu](mailto:georgako@fiu.edu)), Florida International University

### 10. Antenna and RF self-interference suppression techniques for in-band full-duplex communication systems

(5 papers)

Nader Behdad, Univ. of Wisconsin-Madison ([behdad@wisc.edu](mailto:behdad@wisc.edu)) and Hung Luyen, Univ of North Texas ([hung.luyen@unt.edu](mailto:hung.luyen@unt.edu))

### 11. WPT for Lossy and Complex Environments

(2 papers) (Combined with #1 and #13)

David Jackson, Univ. of Houston ([djackson@uh.edu](mailto:djackson@uh.edu)) and Reyhan Baktur, Utah State Univ. ([reyhan.baktur@usu.edu](mailto:reyhan.baktur@usu.edu))

### 12. Spectrum management and Secure Communications

(5 papers)

John Volakis, Florida International Univ. ([jvolakis@fiu.edu](mailto:jvolakis@fiu.edu)) and Satish K. Sharma, San Diego State Univ. ([ssharma@sdsu.edu](mailto:ssharma@sdsu.edu))

### 13. Metasurfaces for Advanced Antennas and Structures

(2 papers) (Combined with #1 and #11)

(Joint Commission B and K Session): Ifana Mahbub ([Ifana.Mahbub@utdallas.edu](mailto:Ifana.Mahbub@utdallas.edu)) and Karthikeya Kakaraparty ([karthikeya.kakaraparty@utdallas.edu](mailto:karthikeya.kakaraparty@utdallas.edu)), Univ. of Texas, Dallas

**Final List Commission B Special Sessions, 2025 USNC-URSI NRSM, Boulder, Colorado**  
**Special sessions: 9 sessions, 59 papers; B regular sessions: 4 sessions, 30 papers**  
**(total URSI: 59 sessions, 33 special sessions, 341 papers)**

**Commission B Special Sessions:**

- 1. WPT for Novel and Challenging Applications (Joint B - K Session, 10 papers)**
- 2. Multifunctional Antennas and Arrays for Satellite and Wireless Communications (5 papers)**
- 3. Quantum Technology Applications in Electromagnetics and Remote Sensing (Joint B - F Session, 10 papers)**
- 4. Reconfigurable Intelligent Surfaces for Sensing and Imaging (10 papers)**
- 5. Advanced Modeling Techniques and Algorithms in Computational Electromagnetics (5 papers)**
- 6. High Power Electromagnetic Environment Effects (4 papers)**
- 7. Reflectarrays and Reconfigurable Apertures (5 papers)**
- 8. Antenna and RF self-interference suppression techniques for in-band full-duplex communication systems (5 papers)**
- 9. Spectrum management and Secure Communications (5 papers)**

**7 special sessions (29 papers) B regular sessions: 41 papers, (total URSI: 50 sessions, 316 papers)**

**1. Advances in Wireless Power Transfer and Harvesting for Biomedical and Communication Applications**

(Joint Commission B and K Session): Sima Noghanian, CommScope ([sima\\_noghanian@ieee.org](mailto:sima_noghanian@ieee.org)) and Yahia Rahmat-Samii, Univ. of California, Los Angeles ([rahmat@ee.ucla.edu](mailto:rahmat@ee.ucla.edu)) (10 papers)

**2. Multifunctional Antennas and Arrays for Satellite and Wireless Communications**

Satish K. Sharma, San Diego State Univ. ([ssharma@sdsu.edu](mailto:ssharma@sdsu.edu)) and Jia-Chi S. Chieh, NIWC-Pacific ([jiachi.s.chieh.civ@us.navy.mil](mailto:jiachi.s.chieh.civ@us.navy.mil)) (5 papers)

**3. Antennas and Systems for Specialized Platforms and Environments**

Reyhan Baktur, Utah State University ([reyhan.baktur@usu.edu](mailto:reyhan.baktur@usu.edu)) and David R. Jackson, University of Houston ([djackson@uh.edu](mailto:djackson@uh.edu)) (No paper)

**4. Complex EM and Meta Structures**

Filippo Capolino, University of California, Irvine ([f.capolino@uci.edu](mailto:f.capolino@uci.edu)) and Juan Sebastian Gomez Diaz, University of California, Davis ([jsgomez@ucdavis.edu](mailto:jsgomez@ucdavis.edu)) (6 papers)

**5. Antennas for Planetary Exploration**

Avinash Sharma ([Avinash.Sharma@jhuapl.edu](mailto:Avinash.Sharma@jhuapl.edu)) Johns Hopkins University Applied Physics Laboratory, and Matthew Bray, Johns Hopkins University Applied Physics Laboratory ([Matthew.Bray@jhuapl.edu](mailto:Matthew.Bray@jhuapl.edu)) (3 papers)

**6. Advanced Modeling Techniques and Algorithms in Computational Electromagnetics**

Ata Zadehgo, University of Idaho ([azadehgo@uidaho.edu](mailto:azadehgo@uidaho.edu)) and Johannes Russer, Technical University of Munich ([jrusser@tum.de](mailto:jrusser@tum.de)) (No papers)

**7. Progress in Reconfigurable Intelligent Surfaces (RIS)**

Filippo Capolino, University of California, Irvine ([f.capolino@uci.edu](mailto:f.capolino@uci.edu)); Satish K. Sharma, San Diego State University ([ssharma@sdsu.edu](mailto:ssharma@sdsu.edu)) (5 papers)

## Commission B Special Sessions, 2023 USNC-URSI NRSN, Boulder, Colorado

**7 special sessions (50 papers), B regular sessions: 20 papers**, (total URSI: 37 sessions, 278 papers)

### 1. Low-Profile Millimeter-Wave/Terahertz Antennas for Mobile and Space Applications (10 papers)

Satish K. Sharma, San Diego State University ([ssharma@sdsu.edu](mailto:ssharma@sdsu.edu)) and Goutam Chattopadhyay, JPL-NASA ([goutam.chattopadhyay@jpl.nasa.gov](mailto:goutam.chattopadhyay@jpl.nasa.gov))

### 2. Wearable antennas for WiFi, IoT, and 5G applications (Joint Commission B and K Session) (10 papers)

Sima Noghanian, CommScope, ([sima\\_noghanian@ieee.org](mailto:sima_noghanian@ieee.org)) and Yahya Rahmat-Samii, University of California, Los Angeles ([rahmat@ee.ucla.edu](mailto:rahmat@ee.ucla.edu))

### 3. Antennas and Systems for Specialized Platforms and Environments (10 papers)

Reyhan Baktur ([reyhan.baktur@usu.edu](mailto:reyhan.baktur@usu.edu)), Utah State University and David R. Jackson, University of Houston ([djackson@uh.edu](mailto:djackson@uh.edu))

### 4. Multiscale and Stochastic Modeling in Computational Electromagnetics (5 papers)

Ata Zadehgo, University of Idaho ([azadehgo@uidaho.edu](mailto:azadehgo@uidaho.edu)) and Johannes Russer, Technical University of Munich ([jrusser@tum.de](mailto:jrusser@tum.de))

### 5. Novel Electrically Small Antennas and Matching Networks (5 papers)

Ting-Yen Shih, University of Idaho ([tshih@uidaho.edu](mailto:tshih@uidaho.edu)) and Kai Ren, Wentworth Institute of Technology ([renk@wit.edu](mailto:renk@wit.edu))

### 6. Complex EM and Meta Structures (5 papers)

Filippo Capolino, University of California, Irvine ([f.capolino@uci.edu](mailto:f.capolino@uci.edu)) and Juan Sebastian Gomez Diaz, University of California, Davis ([jsgomez@ucdavis.edu](mailto:jsgomez@ucdavis.edu))

### 7. Antennas for Planetary Exploration (5 papers)

Avinash Sharma ([Avinash.Sharma@jhuapl.edu](mailto:Avinash.Sharma@jhuapl.edu)) Johns Hopkins University Applied Physics Laboratory, and Matthew Bray, Johns Hopkins University Applied Physics Laboratory ([Matthew.Bray@jhuapl.edu](mailto:Matthew.Bray@jhuapl.edu))



## Commission B Special Sessions, 2022 USNC-URSI NRSM, Boulder, Colorado

7 special sessions (38 papers), B regular sessions: 43 papers, (total URSI: 47 sessions, 296 papers)

### 1. Low-Profile Millimeter-Wave/Terahertz Antennas for Mobile and Space Applications (TITLE CHANGE)

Goutam Chattopadhyay, JPL-NASA and Satish K. Sharma, San Diego State Univ. (5 papers)

### 2. High Power Electromagnetics (Joint Commission B and E Session):

D. V. Giri, Pro-Tech and R.L. Gardner (No session)

### 3. Antennas and Systems for Specialized Platforms: UAVs, UUVS, and SmallSats

Reyhan Baktur, Utah State University and David R. Jackson, University of Houston (9 papers: Combined with #4)

**Combined Session title:** Antennas and Systems for Specialized Platforms and Extreme/Harsh Environments

### 4. Antennas and Sensors for Harsh Environment

Sima Noghanian, Phoenix Analysis and Design Technologies; and Sayan Roy, South Dakota School of Mines

### 5. Multiscale and Stochastic Modeling in Computational Electromagnetics (5 papers)

Ata Zadehgo, University of Idaho and Johannes Russer, Technical University of Munich

### 6. 5G and Millimeter Wave Antennas and Applications (5 papers)

Adrew Chrysler, Idaho State University, and Ting-Yen Shih, University of Idaho

### 7. Complex EM and Meta Structures (8 papers)

Filippo Capolino, University of California, Irvine and Ashwin Iyer, University of Alberta

### 8. Novel Electrically Small Antennas and Matching Networks (NEW) (6 papers)

Ashwin Iyer, University of Alberta and Ting-Yen Shih, University of Idaho

# Special Sessions for National Radio Science Meeting 2026

- Please contact Tutku Karacolak within two weeks if you are still interested in organizing special session for the NRSM 2026.
- Thank you Technical Activities Committee (TAC) Reviewers for your service to Commission B papers reviewer activity
- Thank you USNC-URSI Commission B Officers for your help in reviewer and session building activities
- Hope to see you all at NRSM 2026 in Boulder during January 6-9, 2026
- Email: [tutku.karacolak@wsu.edu](mailto:tutku.karacolak@wsu.edu)