



Table of Contents

- A fresh start!
- XXXIVth URSI General Assembly and Scientific Symposium
- What's next? URSI Flagship Meetings
- URSI Member Committee Activities
- Meetings with financial support by URSI Commissions
- URSI WIRS – Women in Radio Science
- URSI Membership
- URSI Administrative information

A fresh start!

As some of you might remember, many years ago, we already started an URSI Newsletter, but at that time, we still had our URSI Radio Science Bulletin. After some newsletters, it was decided to keep the RSB as the main communication channel within our community, so we put the newsletter on hold.

Now things have drastically changed!

All of us in the URSI community and beyond were shocked by the passing away of Dr. Ross Stone, the Editor of the Radio Science Bulletin, also serving as URSI Assistant Secretary General for GASS and Publications. Ross has been an URSI scientist for many decades and was committed to contribute and serve our community.

Because of Ross Stone's long illness, the Radio Science Bulletin was two years behind schedule, the last issue having been published in June 2021. Thus, the Radio Science Bulletin became in serious violation of the guidelines for indexing, which require timely publishing.

After Ross Stone's death on 29 March 2023, the Board examined the possibility of bringing the Radio Science Bulletin up to date in a short time, but concluded that this solution was not feasible, both operationally and financially. Consequently, the Board decided to discontinue publication of the Radio Science Bulletin and decided to adapt to new circumstances and new challenges.

Together with the Board, we hope we will be able to fulfill the communication needs with the new URSI Newsletter through which we will bring you all the latest news from URSI.

Please feel free to react and to provide information! Send your comments to info@ursi.org

XXXIVth URSI General Assembly and Scientific Symposium

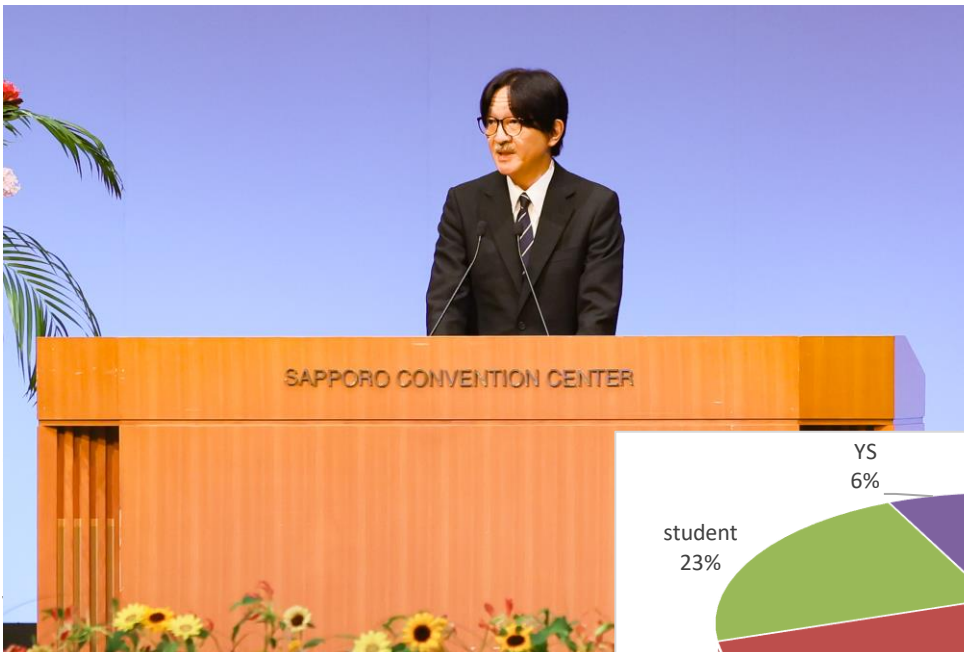
The [XXXIVth General Assembly and Scientific Symposium \(GASS\)](#) of the International Union of Radio Science (Union Radio Scientifique Internationale: URSI) took place in Sapporo, Japan from 19 till 26 August 2023.



The XXXIVth GASS had a scientific program organized around the ten Commissions of URSI, including:

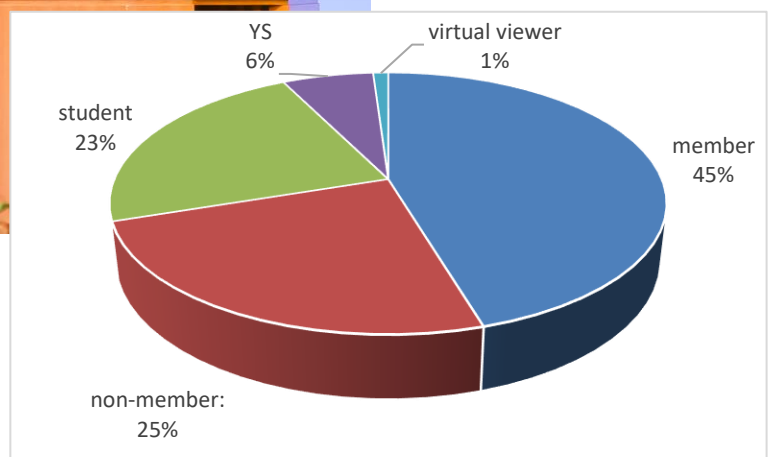
- oral sessions, poster sessions, plenary and public lectures, and tutorials, with both invited and contributed papers.
- workshops, short courses
- special programs for young scientists, a student paper competition
- programs for accompanying persons
- and industrial exhibits.

Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science



His Imperial Highness Crown Prince Akishino addressed the URSI GASS during the Opening Ceremony and welcomed all participants.

Links to the recordings of the Opening Ceremony will become available on the URSI website.



1,500 scientists from more than 50 countries participated (the darker the colour on the world map, the more participants from that country).

GASS 2023 offered a wide series of networking opportunities, such as Welcome Reception, Young Scientists Party, Poster Sessions, Coffee and Lunch breaks and the Gala Dinner.



The proceedings will become available via the URSI website very soon.

Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

What's next? ... URSI Flagship Meetings



4th URSI Atlantic Radio Science Conference (URSI AT-RASC)

18 - 25 May 2024

ExpoMeloneras Convention Centre, Gran Canaria

One of the important attractions of the URSI GASS is that by bringing together all ten commissions URSI provides a radio science interdisciplinary forum at which radio scientists can

meet and interact with their colleagues from different sub fields of radio science. This allows for a cross fertilisation that can be an important source for new ideas and insights. It is generally recognised that disruptive discoveries and scientific paradigm shifts often occur as a consequence of interdisciplinary interactions. The URSI Flagship meetings are the annual opportunity to meet and network!

The next Flagship meeting will be the URSI AT-RASC 2024 conference. It's the 4th edition of this meeting and will take place at the ExpoMeloneras in beautiful Gran Canaria, as was the case with the previous editions. After the COVID pandemic, which forced us to combine AT-RASC and AP-RASC in a single event in 2022, we are now back on track with our URSI triennial scheme.

The Call for Papers for AT-RASC 2024 was launched and key dates are:

- Paper submission: January 20, 2024
- Notification of acceptance: February 28, 2024
- Early bird & Author registration: March 30, 2024
- Conference start: May 19, 2024

Check the website: www.at-rasc.org where we are updating information.

As usual with URSI Flagship meetings, authors can opt to submit papers presented at this 4th URSI AT-RASC to IEEE Xplore and can take advantage of reduced page charges when submitting an extended or updated version of the papers to URSI Radio Science Letters. In addition, there will be special programs for young scientists, a student paper competition, and programs for accompanying persons.

- Technical Programme Committee Chair: Stefan J. Wijnholds
- Organizing Committee Chair: Peter Van Daele
- Publication Chair: Inge Lievens



Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

[URSI AP-RASC 2025](#)

AP-RASC 2025 will be organised again as a separate event, after the combined edition AT-AP-RASC in 2022 and will take place in Sydney, Australia, bringing this Flagship meeting for the 1st time to this part of the world. Our colleagues at the Australian URSI Committee are very eager to make this event into a success and are now in full preparation. Check the website for updated information.



[URSI GASS 2026](#)

The next URSI General Assembly and Scientific Symposium (GASS) will take place in Krakow, Poland from 15 till 22 August 2026



[URSI GASS 2029](#)

In Sapporo at the occasion of our last General Assembly, URSI Council accepted the proposal from the URSI Committee in Singapore to host the XXXVIth GASS in Singapore from 11 till 18 August 2029.



Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

URSI Member Committee Activities

URSI Turkey 2023 Scientific Congress and National General Assembly Meeting 31 August – 02 September 2023 Istanbul, Turkey

URSI Turkey has been organizing scientific congresses and national general assembly meetings every two years since 2002. These meetings aim to encourage and coordinate scientific research and practices related to radio science at national and international levels, and to encourage the sharing and dissemination of the information produced, both at national and international levels, in order to be used for the benefit of humanity.

The 11th URSI Turkey Scientific Congress and International General Assembly Meeting was held at Boğaziçi University between 31 August - 2 September 2023. The congress covered topics of interest of all URSI Commissions. More information on <https://ursitr23.boun.edu.tr/>

XXXVIII Spanish URSI Committee Symposium

Caceres, Spain, 13-15 September 2023

The Spanish URSI Annual Symposium took place in the beautiful and historical city of Cáceres last October 13th-15th. Cáceres is one of the Spanish UNESCO World Heritage Cities and the venue was the 15th-century Monastery of San Francisco el Real-San Francisco Cultural Complex. Throughout the three days, 256 attendees (43% of which were Master or PhD students), mainly coming from all universities and private companies in the country, enjoyed 9 special sessions and 188 technical talks, whose associated 4-page papers were previously assessed by 129 reviewers. Four of the technical talks were invited plenary talks: Prof. Carlos Camacho (University of Málaga)



revealed the secrets of the Microwave Equivalent Circuits and Eigenstates and Lattice Networks, Petronilo Martín Iglesias (European Space Agency) introduced us to the Microwave Instruments for Earth Observation, while Francesca Vipiana (Politecnico di Torino) shared her findings on Microwave Imaging and Sensing Technology for

the Medical and Food Industries, and José Pedro Borrego (President of URSI-Portugal) presented how the Portuguese URSI National Committee organizes. The event was sponsored by several



Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

companies and organizations and 4 different awards were given. The 1st Spanish URSI Student Award was given to Sergio García Martínez (Technical University of Madrid) for his paper “Slotted Waveguide Antenna Design at W-band Using Stacked Glide-Symmetric Metal Sheets”, while the 2nd Student Award was given to Ignacio Esteban López-Delgado (also from the Technical University of Madrid) for his work on “Gait analysis with a wireless radar network for early detection of Parkinson’s Disease”. The winner of the 1st Spanish URSI Student Paper Award received 500 euros from URSI and was invited to present at the next Portuguese URSI Congress in Lisbon on November 24th, 2023, along with an expedition of several other Spanish groups, which will represent the Spanish URSI community in a special session in Portugal. Additionally, a team composed of researchers from the University of Extremadura, University of Vigo, and Politecnico di Torino were given the 1st INDRA Award on Technology for Low Observability for their paper “Fast multisolver methods for extremely accurate EMC engineering prediction of new low-observable real-world problems”. The 2nd INDRA Award was given to the University of Granada and AIRBUS for their work on “High accuracy solvers for low-observable targets”. The 1st edition of the Spanish URSI Symposium took place in Madrid in 1980 and, since then, all major cities in the country have organized the event at least once, the symposium being a milestone of the happy and fruitful marriage between Spanish engineers and physicists each year. Next editions will be held in Cuenca (University of Castilla La Mancha), in 2024, and in Tarragona (Universitat Rovira i Virgili) in 2025. More info at www.ursi.es

Kleinheubacher Tagung 2023 26-28 September 2023 Miltenberg, Germany

The Kleinheubacher Tagung 2023, organized by the Landesausschuss in Deutschland e.V., were held from 26 to 28 September 2023 in Miltenberg, Germany, at the Old Townhall (Altes Rathaus). Conference languages were English and German. More information on: <https://kh2023.edas.info/>

Meetings with financial support by URSI Commissions

EUSAR 2024 - April 23-26, 2024 - Munich

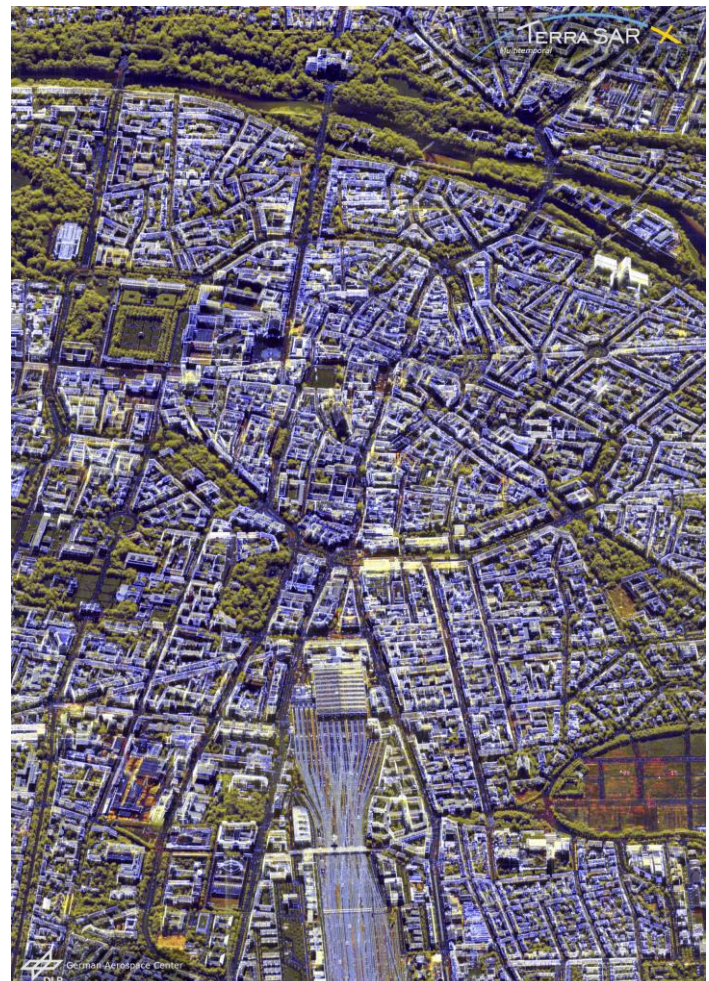
EUSAR 2024 will take place in Munich. This will be the 15th EUSAR conference, which has been held every two years since 1996.

EUSAR, the European Conference on Synthetic Aperture Radar, is the world’s leading international conference dedicated to SAR techniques, technology, and applications. It is the open spirit of this conference that provides an excellent forum for the exchange of information and for discussion on a wide range of SAR related topics and recent developments.

In addition to the oral sessions there will be an interactive poster session. Awards for Best Paper, Best Poster and Best Student Paper will be presented on the last day of the conference.

EUSAR 2024 will also offer several full-day tutorial courses on the first day, covering topics such as polarimetry, interferometry, Pol-InSAR and bi-/multistatic SAR. They will comprise principles and basic theory, as well as an overview of applications and sensor systems. <https://www.eusar.de/en>

High-resolution multi-temporal SAR image of downtown Munich acquired by TerraSAR-X. Changes are highlighted in red, volume scatterers in green, and stable scatterers in blue and white. (c) DLR 2023, All rights reserved.



Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

RFI2024 14-18 October 2024 Bariloche, Argentina

Spectrum sharing has become challenging due to the ever-growing demand for spectrum access by a wide range of emerging radio services. This in turn leads to an increased risk of Radio Frequency Interference between spectrum users. This is particularly true for passive scientific services such as radio astronomy, Earth remote sensing, or meteorology, where sensitive measurements must be carried out in frequency bands defined by the laws of nature.

RFI2024

October 14-18, 2024

Bariloche, Argentina

Protecting the scarce radio spectrum resources for science, while accommodating the needs of other spectrum users, can only be achieved in a joint effort. RFI

2024 offers the venue to promote interaction, exchange of ideas, and cooperation between researchers, engineers, and users from all radio science disciplines dealing with RFI, uniting them under the common goal of working on solutions to minimize the impact of interference. RFI 2024 is the seventh in a series of workshops focusing on this topic, the first of which took place in Bonn, Germany, in 2001. ISAP 2023

CSNDSP 2024 - 14th International Symposium on Communication Systems, Networks and Digital Signal Processing 17-19 July 2024 Rome, Italy



Biennial since 1998

CSNDSP

2024

CSNDSP has been running biennial since 1998 growing in size and success and normally attract about 200 delegates from around the world. It has been recognised as an international forum to present and exchange research

findings and discuss future research topics in the fields of communication systems, communications networks, digital signal processing and other related areas. CSNDSP offers the opportunities for researchers to participate in organising workshops, tutorials, and open discussions in upcoming research topics. Papers accepted for presentation are published in IEEEExplore while selected papers are published in prestigious sponsoring journals.

CSNDSP 2024 is hosted in the Eternal City of Rome, Italy. Founded in 753 b.C., participants will have the opportunity to enjoy Rome's beauty, its monuments full of history, art and culture. It will be also an excellent opportunity to taste local gastronomy and wines. (<https://comlab.uniroma3.it/CSNDSP2024.php>)



A full calendar of all meetings supported by URSI is available on the [URSI website](https://comlab.uniroma3.it/CSNDSP2024.php).

URSI WIRS – Women in Radio Science

In order to further engage female scientists into our community, WIRS sections have been set up within different URSI member Committees. At this moment an URSI WIRS Chapter is active in Belgium, Czechia, Egypt, France, Italy, Japan, Poland, Sweden, United Kingdom and USA. If interested in setting up a WIRS Chapter in your area, please get in contact with the URSI Secretariat. Limited financial support is available to initiate and maintain these chapters.

Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

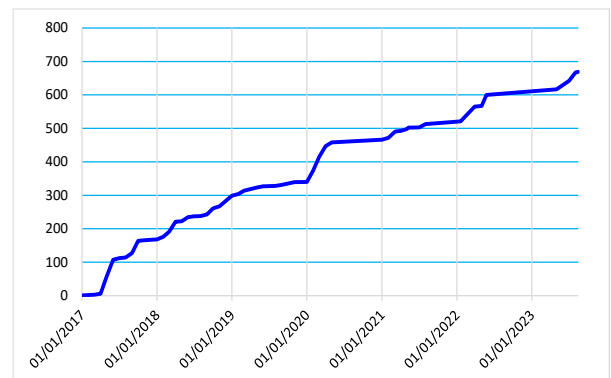
URSI Membership

The purpose of individual membership of URSI is to secure professional recognition of individual radio scientists and to establish their better connection with the URSI Board of Officers, Scientific Commissions, and URSI Member Committees. Three categories of individual membership (URSI Corresponding Member, URSI Senior Member and URSI Fellow) have been established.

URSI Corresponding Membership is the first step into the URSI community and provides access to the proceedings of URSI Flagship Conferences via the website and notifications of new editions of URSI publications.

In addition, URSI Senior Members and URSI Fellows benefit from the following:

- Reduced registration fees at URSI Flagship Meetings.
- Reduced registration fees at some meetings organised by partnering organisations.
- A page charge reduction from 175 USD to 150 USD for papers published in the URSI journal, Radio Science Letters.
- An invitation to receive their individual membership certificate at an URSI Flagship meeting.



Evolution of URSI Senior Members since its creation in 2017

URSI Administrative information

At the occasion of the XXXIVth General Assembly and Scientific Symposium (GASS) of the International Union of Radio Science (Union Radio Scientifique Internationale: URSI) took place in Sapporo, Japan from 19 till 26 August 2023, a new Board was elected:



President:
A. Sihvola
Aalto University, Finland



Past President:
P. L. E. Uslenghi
University of Illinois at
Chicago, USA



Secretary General
P. Van Daele
imec – Ghent University,
Belgium

Vice Presidents:



K. Kobayashi
Chuo University
Japan



G. Manara
Universita di Pisa,
Italy



S. Salous
Durham University
United Kingdom



O. Santolik
Czech Academy of Sciences
Czechia

Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

As well as new Commission Chairs, Vice-Chairs and ECRs:

Commission A:

- Chair: Amitava Sen Gupta (India)
- Vice-Chair: José Mauricio López Romero (Mexico)
- ECR1: Giovanna Signorile (Italy)
- ECR2: Ricardo Figueiredo (Portugal)

Commission B:

- Chair: Henrik Wallén (Finland)
- Vice-Chair: Ludger Klinkenbusch (Germany)
- ECR1: Dimitrios C. Tzarouchis (U.S.A.)
- ECR2: Satheesh Bojja Venkatakrishnan (USA)

Commission C:

- Chair: Kumar Vijay Mishra (USA)
- Vice-Chair: Peter Vouras (USA)
- ECR1: Krzysztof K. Cwalina (Poland)
- ECR2: Sangeeta Bhattacharjee (India)

Commission D:

- Chair: Atsushi Kanno (Japan)
- Vice-Chair: Tahsin Akalin (France)
- ECR1: Valentina Palazzi (Italy)
- ECR2: Giacomo Paolini (Italy)

Commission E:

- Chair: Carlo Carobbi (Italy)
- Vice-Chair: Chaouki Kasmi (France)
- ECR1: Riccardo Trincherio (Italy)
- ECR2: Flávio Miguel da Silva Jorge (Portugal)

Commission F:

- Chair: Motoyuki Sato (Japan)
- Vice-Chair: Slawomir J. Ambroziak (Poland)
- ECR1: Fikadu Tafes Dagefu (U.S.A.)
- ECR2: Gargi Rakshit (India)

Commission G:

- Chair: Keith Groves (USA)
- Vice-Chair: Sean Elvidge (United Kingdom)
- ECR1: Bruce Fritz (USA)
- ECR2: Dario Sabbagh (Italy)
- ECR3: David R. Themens (United Kingdom)

Commission H:

- Chair: Craig J. Rodger (New Zealand)
- Vice-Chair: Robert A. Marshall (USA)
- ECR1: Frantisek Nemec (Czech Republic)
- ECR2: David Hartley (USA)

Commission I:

- Chair: Stefan J. Wijnholds (The Netherlands)
- Vice-Chair: Yashwant Gupta (India)
- ECR1: Danielle Fenech (U.K.)
- ECR2: Mohamed Said Darwish (Egypt)

Commission K:

- Chair: Francesca Apollonio (Italy)
- Vice-Chair: Lars Ole Fichte (Germany)
- ECR1: Emily Porter (USA)
- ECR2: Kun Li (Japan)

Make sure to follow URSI on social media:

