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URSI Newsletter – 2025/Q1

## Welcome

Our 1<sup>st</sup> URSI Newsletter in 2025 .. so let me take this opportunity to wish you all a healthy and prosperous 2025, for yourself, family, colleagues and beloved ones. Let us hope that 2025 will bring us lots of opportunities to talk, interact and exchange research results. This Newsletter is one of those means, as are the URSI Flagship meetings. Both AP-RASC 2025 in Sydney and GASS 2026 in Krakow are in full preparation and make sure to mark this in your calendar to submit papers and to attend!

URSI, being one of the ISC GeoUnions attended the ISC General Assembly a few weeks ago and contributed actively to some of the resolutions ISC voted upon. You will find more information in this Newsletter.

Make sure to continue to follow URSI on social media channels as this is the fastest way to spread news in our community.

We remain at your service, and please feel free to contact us or to submit material which you might think to be interesting to publish here.

## URSI Flagship Meetings

### 6<sup>th</sup> URSI Asia-Pacific Radio Science Conference (URSI AP-RASC)

Paper submission to [AP-RASC 2025](#) is still open for a few more days. Take the opportunity to share your work and results with a wider community and get credited for your publication in the proceedings. Browse through the session titles and submit your paper in the session which best aligns with the topic. Use the direct link to the [submission page](#)!



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We are also gradually providing more information on the venue, accommodation as well as practical information. Check the [website](#) for updated information.

**URSI AP-RASC 2025 General Chairs**

- Paul D. Smith, Macquarie University, Australia
- Elena Vinogradova, Macquarie University, Australia
- Kazuya Kobayashi, Chuo University, Japan
- Amitava Sen Gupta, The Northcap University, India

**Important dates**

- Paper submission deadline: 20 February 2025
- Notification of acceptance: 15 April 2025
- Author registration deadline: 15 May 2025 (required to have paper included in the program)
- Preliminary program available: 5 June 2025
- Early-bird registration deadline: 1 July 2025
- Advance program available: 10 July 2025
- Final program available: 12 August 2025
- Conference: 17-22 August 2025

As usual with URSI Flagship meetings, authors can opt to submit papers presented at this URSI AP-RASC 2025 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 a special program for young scientists and a student paper competition.



**AP-RASC 2025**  
17 - 22 August, Sydney, Australia

**CALL FOR PAPERS**

**Website**

The 2025 URSI Asia-Pacific Radio Science Conference (URSI AP-RASC 2025) is sponsored by the International Union of Radio Science (URSI), and will be held in Sydney, Australia on August 17-22, 2025. This triennial conference is one of the three URSI Flagship Conferences that include the URSI General Assembly and Scientific Symposium (URSI GASS) and the URSI Atlantic Radio Science Conference (URSI AT-RASC).

The scientific program will have a series of open and convened sessions covering the areas of URSI Commissions A to K, comprising oral/poster sessions with invited and contributed papers and General Lectures. In addition, there will be workshops, short courses, young scientist programs including the Young Scientist Award and the Student Paper Competition, an accompanying persons' program, and an exhibition.

**TOPICS**

Contributed papers are solicited in following topical areas:

- Commission A: Electromagnetic Metrology
- Commission B: Fields and Waves
- Commission C: Radiocommunication and Signal Processing Systems
- Commission D: Electronics and Photonics
- Commission E: Electromagnetic Environment and Interference
- Commission F: Wave Propagation and Remote Sensing
- Commission G: Ionospheric Radio and Propagation
- Commission H: Waves in Plasmas
- Commission J: Radio Astronomy
- Commission K: Electromagnetics in Biology and Medicine

**Submission deadline**  
**20/02/2025**



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## URSI GASS 2026



On behalf of the Organizing Committees, we cordially invite you to participate in the [36th URSI General Assembly and Scientific Symposium \(URSI GASS 2026\)](#) in Krakow, Poland from 15 till 22 August 2026.

URSI GASS is an international conference of the highest rank, held every three years since 1919 and organized by the International Union of Radio Science (URSI). It serves as a platform to review current research trends, present new findings, and develop plans for future research and special projects in all areas of radio science, with a special emphasis on fostering international cooperation.

The URSI GASS 2026 is expected to attract more than 1,500 radio scientists and engineers from across the globe. The conference will feature presentations and discussions on the latest research by leading scientists, engineers, and emerging researchers, including students. The established contacts will foster international cooperation between URSI member countries and research centers worldwide, leading to significant progress in radio science research.

Poland had the honor of hosting URSI GASS for the first time in 1972 in its capital, Warsaw. At that time, Poland was still part of the Eastern European Bloc; however, the Polish people were always opposed any foreign dominance and were engaged in small private entrepreneurship, in free-thinking education and anti-regime culture. Although the 1972 URSI GASS attendees may have appreciated the unique cultural ambiance of Warsaw, they would hardly recognize today's Poland. It has become a colorful and prosperous country, blending rich millennial cultural heritage with a rapidly developing high-income economy. Poland now ranks 5th in Europe and 20th globally in nominal GDP.

The combination of a rich historical past, dynamic present, and promising future is especially visible in Kraków, the host city for the 36th URSI GASS 2026 scheduled for August 15–22, 2026. Kraków served as Poland's capital until 1596 (de jure until 1795). It was the seat of the Jagiellonian dynasty, which united vast areas of Eastern Europe while maintaining fruitful collaboration with the West. The city attracted great Renaissance thinkers and artists and remains a hub of cultural and intellectual activity.

Kraków is home to seven UNESCO World Heritage Sites, including the Royal Hill of Wawel, the breathtaking Old Town, and the Wieliczka Salt Mine. The Jagiellonian University, founded in 1364, is one of the ten oldest universities in Europe and ranks among the top 20% globally. Over 20 other universities and colleges, together with the Kraków Technology Park, contribute to Kraków's reputation for academic excellence and innovation.

Not surprisingly, Kraków is a leading tourist destination, attracting nearly 10 million visitors per year, with a steady 20% annual increase. It is a lively city with world-class facilities and services, offering exceptional conditions for conferences and meetings. While attending the symposium, you will have the opportunity to explore Kraków's charming historic sites and modern districts. The Organizing Committee will assist in planning your visit to ensure you experience the best of this vibrant city.

We look forward to welcoming you in Kraków, Poland in 2026 for the [36th URSI General Assembly and Scientific Symposium \(URSI GASS 2026\)](#).



Prof. Józef Modelski  
URSI GASS 2026 General Chair  
Warsaw University of Technology  
IEEE Fellow & Member of Polish Academy  
of Sciences

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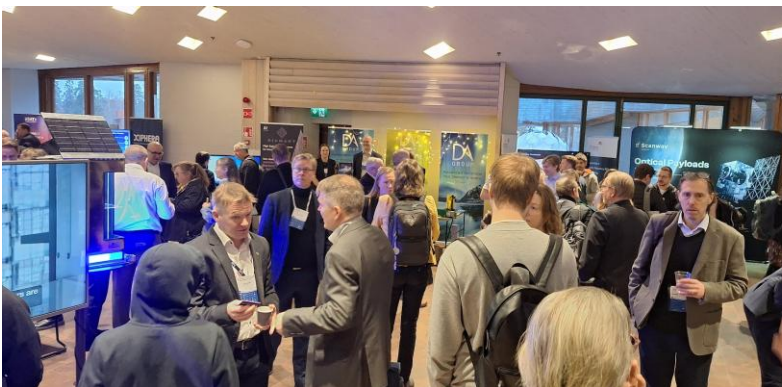
## URSI Member Committee Activities

### URSI Member Committee – Finland

Radio science was strongly present in the 7<sup>th</sup> Winter Satellite Workshop, held in Espoo, Finland, 21-23 January 2025. The workshop was organized and chaired by Professor Jaan Praks, the president of the Finnish Member committee of URSI. The workshop celebrated the 30-year membership of Finland in the European Space Agency ESA.

In total, 220 talks and 90 posters were presented in 48 sessions. Among other events, the NASA-established Artemis Accords and the ESA's Zero Debris Charter were signed by Finland to strengthen the norms for civilian use of the outer space.

*(communicated by Ari Sihvola)*



### URSI Member Committee – United Kingdom

URSI UK Symposium 2025, 13 March 2025, Durham University

On 13 March, the URSI Member Committee in the United Kingdom will organize its URSI UK Symposium 2025. It is an opportunity for early-career radio scientists/engineers to present their work, receive feedback from the URSI UK Panel, network with their radio science peers across all URSI commissions, and obtain a valuable overview of the broader radio science scene.

Contributions are invited on topics covered by any of the ten URSI Commissions. Papers are refereed by the URSI UK Panel members and selected for oral or poster presentation.

If there is any enquiry, please send email to [info@ursi.org.uk](mailto:info@ursi.org.uk).

For more details on URSI UK, please visit <https://ursi.org.uk/>.

URSI will provide financial support for the Student Paper Competition which will be held at the event.

*(Communicated by: Prof. Tian Hong Loh)*

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## URSI Member Committee – Egypt

### NRSC 2025 42<sup>nd</sup> National Radio Science Conference



The conference program will consist of invited sessions on selected topics and contributed sessions. The submitted papers must describe original work and cover the activities of the URSI commissions.

The Academy for Scientific Research and Technology

(ASRT) is the focal point of the Egyptian experience and national thinking. It organizes Egypt's plans and projects to offer its experiences, knowledge, consultations for the government, Higher Council for Science and Technology and decision makers in terms of the issues related to science and technology in Egypt.

The National Radio Science Committee (NRSC) has been created by ASRT in recognition of promoting the radio science in Egypt. The NRSC holds the national conference on yearly basis. There have been 39 conferences held in Egypt. The NRSC offers support to young researchers, scientists and inventors.

The submitted papers must describe original work and lie in the scope of one of URSI Commissions A-K.

*(Communicated by Rowayda A. Sadek)*

## URSI Member Committee – France

### URSI-France Workshop “Metrology at the heart of Today’s Technologies – Fundamentals, Methods and Instruments, from RF to Optics”

10-12 June 2025

PARIS 6E, CAMPUS DES CORDELIERS

Metrology is the science of measuring. It defines the principles and methods allowing to guarantee the confidence in measurements. To that aim, it develops and ensures that national reference standards are maintained, recognized internationally and allowing industry to reference their measuring instruments to the International System of Units (SI). (see: <https://www.lne.fr/fr/comprendre/la-metrologie>).

It is a transversal science that applies in all areas where quantitative measurements are carried out, relating to both fundamental issues and applications concerning everything that is measured. This is the reason why, even if we restrict ourselves to those for which electromagnetic waves play a role, we are dealing here with a multiplicity of subjects. This largely motivates the choice made for this URSI-France workshop 2025 (JS 25) of the following topics:

- Quantum clocks, oscillators, time scales and time-frequency dissemination
- Quantum metrology and detection, fundamental electrical metrology
- Electromagnetic and optical sensors
- High frequency measurements, calibration tools and methods
- Antenna measurements: techniques, instruments, dynamics, resolution and uncertainties
- Electromagnetic dosimetry and exposimetry
- Electromagnetic localization and radar, measurements of SER and signatures
- Electromagnetic measurements of biological objects, diagnostics and bio-detection
- Electromagnetic characterization of materials, non-destructive measurements
- Indirect and multiphysics measurements
- Quantification and control of uncertainties, modeling

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The workshop will be structured around keynote and invited communications, and oral and poster sessions, with the aim of allowing a fruitful meeting between young scientists, experienced researchers and industry players, participants or exhibitors.

- ▶ The program will include an open session, allowing young scientists to present work on any subject relating to radioscience.
- ▶ Furthermore, the URSI policy of supporting the participation of women in radioscience strongly encourages them to make their work visible within the framework of JS 25 workshop.

The workshop will take place from Tuesday June 10 to Thursday June 12 morning (2 ½ days) at the Cordeliers campus (15 rue de l'École de médecine 75006 Paris). All information is available on the URSI-France website:

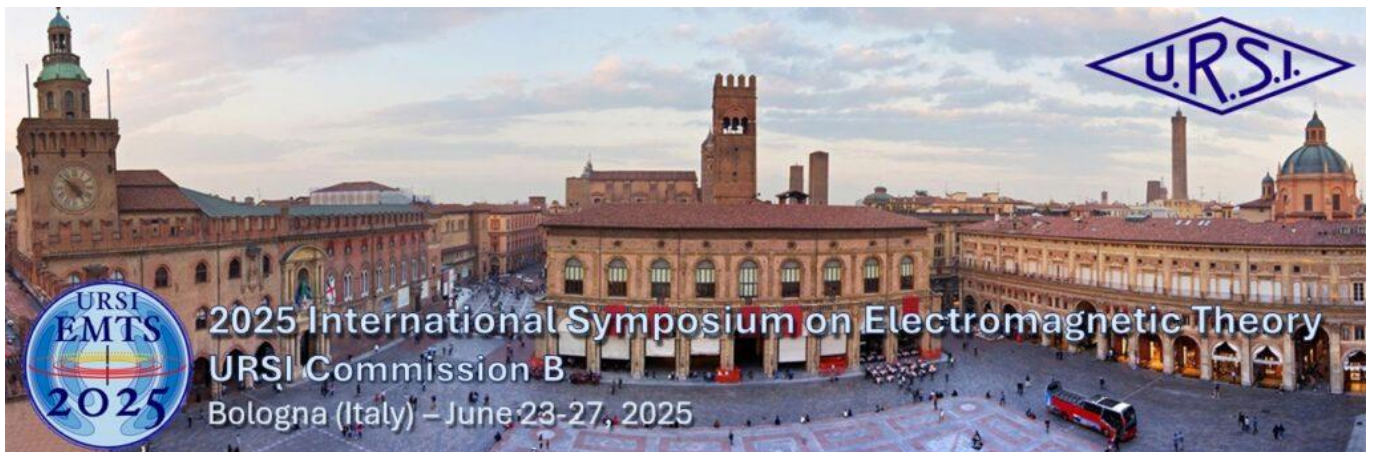
<https://www.ursi-france.org>

*(Communicated by Alain Sibille)*

## Meetings with financial support by URSI Commissions

### EMTS 2025

**23-27 June 2025, Bologna, Italy**



Join us from 23 to 27 June 2025, in Bologna, Italy, for the 25th International Symposium on Electromagnetic Theory (EMTS 2025), organized by URSI Commission B (Fields and Waves) of the International Union of Radio Science (URSI) and the Alma Mater Studiorum University of Bologna. This premier event, set in the historic heart of Europe's oldest academic hub, promises a rich program spanning all facets of electromagnetic theory and applications.

Over 200 papers were submitted and these are the upcoming important dates:

- Notification of acceptance: 16 March 2025
- Early bird and author registration ends: 20 April 2025

The programme will consist of contributions from researchers around the globe exploring the diverse domains of electromagnetic theory. Join us for an enriching experience in Bologna amidst academic, art, architectural and food attractions!

[Check the website for more information.](#)

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## IWAGPR 2025

**2-4 July 2025, Thessaloniki, Greece**

IWAGPR2025 is set to take place in Thessaloniki, Greece from 2 till 4 July 2025, and will be hosted by the [School of Geology](#) at the [Aristotle University of Thessaloniki](#).



Since its inception in 2001, IWAGPR has been a premier event for exploring advancements in Ground Penetrating Radar (GPR) research, techniques, and applications. This biennial workshop brings together scientists, engineers, industrial delegates, and end-users to share the latest developments in GPR, from fundamental advances in methods and technologies to compelling case studies.

IWAGPR2025 offers a unique opportunity for participants to network, discuss, exchange ideas and collaborate on future projects. We encourage you to [read more about the workshop](#) for detailed information about its specific content and sessions.

- 21.10.2024 – Paper Submission Opens
- 21.01.2025 – Paper Submission Deadline
- 17.03.2025 – Notification of Acceptance
- 16.04.2025 – Final Paper Submission
- 25.04.2025 – End of Early-Bird Registration

## Radio 2025

**27-30 October 2025, Mauritius**



The 9th edition of IEEE RADIO will be held from 27th to 30th October 2025 in Mauritius. The aim of the conference is to discuss recent developments, theories and practical applications covering the whole scope of radio frequency engineering, including radio waves, antennas, propagation and electromagnetic compatibility.

Prospective authors are invited to submit original contributions on their latest research activities. Student papers are strongly encouraged. IEEE RADIO 2025 will feature three Best Student Paper Awards, a Young Scientist Award and an Industrial Engineering Paper Award. Proposals for special sessions, workshops

and tutorials are welcome. A panel of distinguished researchers will deliver keynote speeches/invited talks on recent technology trends and advances.

## ISAP 2025

**27-31 October 2025, Fukuoka, Japan**

ISAP2025 is intended to provide an international forum for the exchange of information on the progress of research and development in antennas, propagation, electromagnetic wave theory, and related fields as shown in the SCOPE. It is also an important objective of this meeting to promote mutual interaction among participants.



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## Reports from meetings with Technical Support by URSI

### 15th European Conference on Synthetic Aperture Radar (EUSAR)

**23-26 April 2024,  
Garching, Germany**

The 15th European Conference on Synthetic Aperture Radar (EUSAR) was held in the university town Garching near Munich, Germany, on April 23-26, 2024. This world-wide highly acclaimed



conference is dedicated to the techniques, technologies and applications of Synthetic Aperture Radar (SAR). New research results and applications of SAR were presented and EUSAR 2024 proved to be one the largest event in Europe within the community. Impressive presentations, such as the plenary speakers: Henri Laur from ESA on the evolution of SAR, Lee-Lueng Fu from the California Institute of Technology, Pasadena, Rafal Modrzewski, CEO of ICEYE and many others left a strong impression on the attendees. More than 280 papers were presented by leading



experts from over 35 countries. The conference provided a platform for information exchange and discussion on the latest developments in SAR technology and its diverse applications, including high-resolution 2D and 3D mapping, environmental monitoring and security applications. The conference brought to the fore the cutting edge nuances of SAR covering sensor applications, missions, technology, calibration, processing, and modelling. In keeping with its tradition, the conference continues to open new frontiers and new developments in the interdisciplinary field of SAR!

The reader is invited to view some of the select photographic impressions of the conference on the website: <https://www.eusar.de/en/award-winners>

We look forward to welcoming you at the next EUSAR conference due to be held in the quaint and picturesque German city of Heidelberg in 2026.

*(Communicated by Tobias Rommel and Madhu Chandra)*

### 29th International Symposium on Antennas and Propagation (ISAP2024)

**5-8 November 2024, Incheon, Korea**

The 29th International Symposium on Antennas and Propagation (ISAP2024) was held on 5-8 November 2024, at Songdo Convensia, Incheon, Korea. This symposium was sponsored and organized by the Korean Institute of Electromagnetic Engineering and Science (KIEES). It was technically co-sponsored by the Communications Society of the Institute of Electronics, Information and Communication Engineers (IEICE), Antennas and Propagation Society of the Institute of Electrical and Electronics Engineers (IEEE AP-S), IEEE AP-S Seoul chapter, International Union of Radio Science (URSI), Antenna Measurement Techniques Association (AMTA), Information Technology Association



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of Thailand (ECTI), the European Association on Antennas and Propagation (EurAAP), the European Conference on Antennas and Propagation (EuCAP), and etc.

The opening address was delivered by Prof. Young Joong Yoon, general chair of ISAP 2024 and welcome addresses were delivered by Prof. Choon Sik Cho, president of KIEES; Dr. Toru Takahashi, vice president of IEICE Communications Society; Prof. Makoto Ando, past president of URSI Radio Science; Dr. Lars J. Foged, past President of AMTA; Prof. Wonbin Hong, Representative of IEEE AP-S.



Opening ceremony on Nov. 6, 2024

Four plenary talks were organized in this symposium. The first and second plenary talks were given by Dr. Byung Ho Moon, LIG Nex1 Co., Ltd, Korea on “*Suggestion for R&D Status and Direction of Special Antenna in Military Application*”, and by Prof. Kunio Sakakibara, Nagoya Institute of Technology, Japan on “*Problems and Solutions in the Development of Sub-THz Antennas*”, during opening session. The third and last plenary talk were given on Thursday by Dr. Sungchol Kim, Hanwha Systems, Korea on “*Active Electronically Scanned Array Antenna for Radar: Present and Future*”, and by Prof. Wei Hong, Southeast University, China on “*Asymmetric Full-Digital mmWave and THz Massive MIMO Arrays for B5G/6G*”.

Countries/Regions	Participants	Countries/Regions	Participants
Republic of Korea	310	United Kingdom	5
Japan	154	U.S.A.	4
China	60	Denmark	3
Taiwan	32	Singapore	3
Malaysia	19	France	3
Australia	12	Netherlands	2
Indonesia	10	Austria	2
Sweden	7	Luxembourg	2
Italy	7	Hong Kong	2
Germany	6	Chile	1
India	6	Spain	1
Thailand	5	Belgium	1
		<b>Total</b>	<b>657</b>

The total number of submitted papers was 538 with 516 accepted papers. The final 487 papers had been registered with 657 participants from 24 Countries & Regions.

The conference banquet was held on Thursday, with Fusion music performance by Korean traditional music team.

In particular, a variety of oral sessions on cutting-edge/emerging technology was scheduled, which offer participants

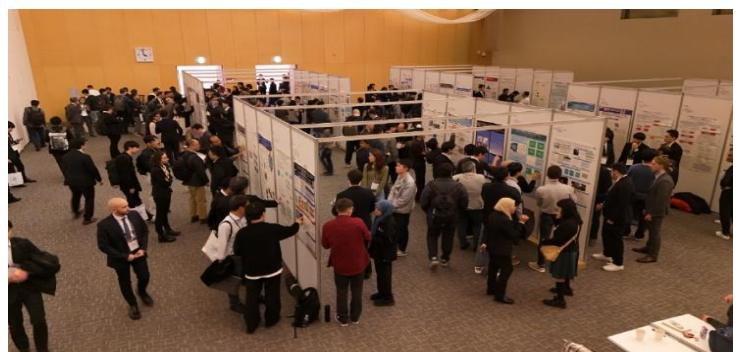
valuable opportunities to exchange new technical and scientific achievements. The poster session demonstrates state-of-the-art technology, and establish and strengthen professional cooperation networks in antennas, propagation, electromagnetic wave theory, and related fields.



The conference banquet on 7 November 2024

(Communicated by Seong-Ook Park)

We appreciate all the participants, plenary & invited speakers, sponsor, exhibitor, and all companies for their supporting the symposium to make the ISAP 2024 successful.



Poster session

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## URSI ECRs – Early Career Representatives

### URSI ECR Spotlight - Ever Dreamed of Visiting Australia? Here's Your Chance!

Hello, Early Career Scientists!

Imagine presenting your research in Sydney, Australia, surrounded by leading experts in radio science from around the world. AP-RASC 2025 is happening from August 17–22, and it is more than just a conference—it is an opportunity to grow, connect, and explore.

The [Young Scientist Award \(YSA\)](#) could make this trip a reality, offering travel support, free registration, and accommodation. It is designed to help you focus on what matters: sharing your work, meeting new people, and experiencing a global scientific community.



Still wondering if it's worth it? Here's what past YSA winners had to say:

- *"The Young Scientist Award helped me to connect with the larger international science community, opening up a whole new network of early career peers and scientific leaders." - Connor Jenkins*
- *"This award provided me with the chance to attend the conference, network with researchers and expand my knowledge." - Anja Blažič*
- *"It proved me that my research was meaningful!" - Tomasz A. Miś*
- *"The opportunity to attend the 2024 AT-RASC conference and be recognized with the Young Scientist Award (YSA) represented a distinctive and valuable experience in my research career. Interacting with experts in the field of radio, the URSI community, and its various scientific commissions allowed me to explore some unique work that I would not have had the opportunity to do otherwise. Furthermore, a significant advantage of the program is the sustained support and contribution to community development provided by the relationships cultivated among the awardees." – Henrique Chaves*
- *"Receiving a YSA was a huge help to be able to participate to URSI conferences, expand my network and meet other young researcher and be recognize among the URSI community." - Thomas Bonnafont*

Find out more at <https://ap-rasc.com/home.php>.

Until next time, Ricardo Figueiredo, URSI ECR Editor

(Communicated by Ricardo Figueiredo)

## URSI WIRS – Women in Radio Science

### WIRS Egypt Chapter - 2nd MSc/ PhD Thesis/Dissertation WIRS Award -NRSC 2025

#### "Empowering Women in Radio Science: Overcoming Barriers in Education and Career Paths"

In a sound environment that has long been dominated by men, women have been slow to carve out a place for themselves. Yet, having been assiduous listeners from the start, then they have started to play a central role in shaping the research in radio science disciplines. URSI as an international association, keeps promoting the activities of women by supporting women in radio science (WIRS) chapters at its Member Committees.

The Women in Radio Science Chapter of the Egyptian National Committee already held 3 sessions along with the NRSC conferences in 2018, 2023, and 2024. The Egyptian WIRS chapter has initiated in 2024 a new Women in Radio Science (WIRS) Award for the first time in conjunction with NRSC2024 for an outstanding Thesis/Dissertation that was done by women.

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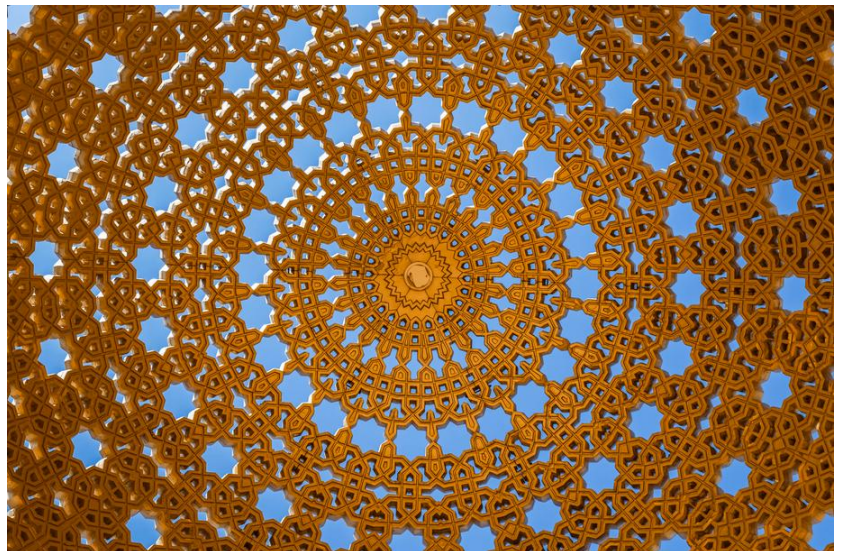
This year will mark the second round of prizes, associated with NRSC 2025. The award objective is not just to rank theses and dissertations from "best" to "worst" but to honor and empower women in radio science and make an effort to highlight the various viewpoints, creative approaches, and distinctive contributions that each candidate has made to the field of radio science.

The Judging Panel consisting of experts in radio science will carry out the judging process based on the mentioned criteria and any more provided assisted information as soon as the closing deadline is reached. The nominated ones will be awarded in a WIRS session that will be held along with the NRSC2025, 42<sup>nd</sup> National Radio Science Conference, 6-8 May 2025 at the Arab Academy for Science, Technology and Maritime Transport – Heliopolis Branch, Cairo, Egypt (*communicated by Rowayda Sadek*)

## URSI as a member of the ISC (International Science Council)

### Report on Muscat Global Knowledge Dialogues and Third ISC General Assembly

The Muscat Global Knowledge Dialogues and Third International Science Council (ISC) General Assembly (GA) were held on 26-30 January 2025, in Muscat, Oman. It is important to remember here that the ISC was created in 2018 from the merger of the International Council for Science (ICSU), which was founded in 1931, and the International Social Science Council (ISSC), founded in 1952. The ISC's first General Assembly was held in Paris, France in July 2018. The new organization was established to be the global voice for science, and to advance science as a global public good. The ISC's founding strategy emphasizes that scientific understanding has never been more important to society, as humanity grapples with the problems of living sustainably and equitably on planet Earth. In this context, and at a time when it has become harder for the scientific voice to be heard, the ISC defends the inherent values of science, advises decision-makers and encourages open public engagement with science. Presently, the ISC's unique global membership brings together 250 international scientific unions and associations, national and regional scientific organizations including academies and research councils, international federations and societies, and young academies and associations.



International  
Science Council

مجلس المعرفة العالمي  
Muscat Global Knowledge Dialogue



وزارة التعليم العالي  
والباحث العلمي والابتكار  
Ministry of Higher Education  
Research & Innovation



It is also important to mention that the ISC General Assembly is the premier occasion for ISC Members and partners from all domains of science and parts of the world to meet and engage in cross-disciplinary, strategic discussions on challenges, priorities and agendas for international cooperation in science. This year, the ISC General Assembly was hosted by the ISC Member in Oman, the Ministry of Higher Education, Research and Innovation. The Muscat Global Knowledge Dialogue, which took place on 27–28 January, with pre-event workshops on 26 January, represents the segment of the ISC General Assembly focusing on science. The Oman edition was organized around three streams:

- A) Science systems and science futures
- B) Science and just transformations to sustainability
- C) Science and society.

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On 26 January, during the pre-event workshops of the Muscat Global Knowledge Dialogue, a meeting of the ISC-GeoUnions Steering Committee was organized. In this meeting, Prof. Giuliano Manara, URSI Vice-President and URSI Representative in the ISC-GeoUnions Steering Committee, was elected as the incoming chair of the committee for the biennium 2025 – 2027. Moreover, it is worth giving evidence to other two sessions in the program, in which URSI was strongly involved through [GeoUnions](#). The first of these sessions was held on Monday 27 January. Its title was: “Ocean Science for Sustainability.” The second session was held on Tuesday 28 January, with the following title: “The Decade of Science for Sustainability: The Post-2030 Agenda.” Regarding the last topic, it is important to observe that URSI is technically supporting a series of webinars, jointly organized by ISC and GeoUnions in the framework of the UNESCO International Decade of Sciences for Sustainable Development (IDSSD). Further information about the webinar series can be found on the [GeoUnions website](#). These webinars are hosted by URSI and the recordings are available on the [URSI YouTube Channel](#).



ISC-GeoUnions Steering Committee

Finally, the third ISC General Assembly was held on 29 and 30 January 2025. One of the principal outcomes was that the eight new members of the ISC Governing Board, elected by ISC membership, took office at the conclusion at the end of the GA. They are:

- [Prof. Robbert Dijkgraaf](#) from the Netherlands (President-elect)
- [Prof. Dr. Marcia Barbosa](#) from Brazil (Vice-President for Freedom and Responsibility in Science)
- [Prof. Yongguan Zhu](#) from China (Vice-President for Membership)

five ordinary members:

- [Dr. Frances Colón](#) from the United States of America
- [Prof. Catherine Jami](#) from France
- Ms. Maria Esteli Jarquin from the United Kingdom
- Prof. Nalini Joshi from Australia
- Dr. Mobolaji Oladoyin Odubanjo from Nigeria.

## Muscat Declaration

During this General Assembly, over 415 representatives from 132 countries also discussed science’s role in advancing sustainability and global development. The event concluded with the adoption of the [Muscat Declaration](#), a call to action for equitable access to knowledge, transformative science systems, and strengthened international collaboration to address pressing global challenges.

In this [Declaration](#), the participants call upon scientists and other stakeholders to take an active role in addressing pressing challenges and advancing the role of science as a global public good.

The [Declaration](#) emphasizes the need to:

- Defend and promote the free and responsible practice of science, ensuring cross-border collaboration even during times of crisis.
- Support under-resourced regions by investing in capacity-building initiatives and promoting equitable access to scientific knowledge.
- Stimulate international, inter- and transdisciplinary collaborations to tackle global concerns, including sustainability, inequality, and emerging technologies.
- Advance the transformation of science systems to enhance transparency, inclusion, and integrity, while equipping future scientists with tools to address complex societal challenges.

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The [Declaration](#) also calls for the integration of science into global policy frameworks and underscores the importance of fostering trust in scientific institutions through transparency and ethical practices. These actionable statements will guide the ISC's future work and inspire collective efforts to harness science for peace, sustainability, and human and planetary well-being.

For other information please visit the [ISC website](#).



Attendees at the Muscat Global Knowledge Dialogues and Third ISC General Assembly

## 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.

In order to provide some visibility to the URSI membership, we intend to publish, in each 1<sup>st</sup> issue of a new calendar year the current names of the URSI Fellows. In the 2<sup>nd</sup> issue of the calendar year we will publish the names and affiliations of the new URSI Senior Members.

Recently we experienced some problems with the [online application forms](#), but this should now be solved.

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## URSI Fellows as of 01 January 2025:

URSI now has 110 URSI Fellows:

Prof. M. Akaike, Science University of Tokyo (Japan)  
 Prof. A. Altintas, Bilkent Univ., Faculty of Engineering (Turkey)  
 Prof. S. Ananthkrishnan, Pune University (India)  
 Prof. M. Ando, National Institute of Technology (Japan)  
 Prof. F.P. Andriulli (Italy)  
 Dr. Y.M.M. Antar, Royal Military College (Canada)  
 Prof. Em. Y. Arakawa, The University of Tokyo (Japan)  
 Prof. W.A. Baan, ASTRON (Netherlands)  
 Dr. P. Banerjee, Bhatenda (India)  
 Dr. P. Bauer, (Spain)  
 Dr. R.F. Benson, Heliophysics Science Division (USA)  
 Prof. J.P. Berenger, JPB Consultant (France)  
 Prof. D. Bilitza (USA)  
 Dr. D. Bock, CSIRO (Australia)  
 Prof. R.F. Bradley, National Radio Astronomy Observatory (USA)  
 Prof. C.M. Butler, Clemson University (USA)  
 Prof. F.G. Canavero, Politecnico di Torino (Italy)  
 Prof. P.S. Cannon, University of Birmingham (United Kingdom)  
 Prof. N. Borges Carvalho, Universidade de Aveiro (Portugal)  
 Prof. Dr. M. Chandra, Chemnitz Univ. of Technology (Germany)  
 Prof. V. Chandrasekar, Colorado State University (USA)  
 Prof. C. Christopoulos, Univ. of Nottingham (United Kingdom)  
 Assist. Prof. M.B. Cohen, Georgia Institute of Technology (USA)  
 Prof. R.K. Crane, University of Oklahoma (USA)  
 Prof. I. Daubechies, Duke University (USA)  
 Dr. W.A. Davis, VA Tech (USA)  
 Dr. G. De Franceschi, INGV (Italy)  
 Prof. I. De Pater, University of Berkeley (USA)  
 Prof. P. Degauque, Université de Lille (France)  
 Prof. V. Deniau, LEOST (France)  
 Prof. G. D'Inzeo, University of Rome "La Sapienza" (Italy)  
 Prof. R.D. Ekers, CSIRO Astronomy & Space Science (Australia)"  
 Prof. N. Engheta, University of Pennsylvania (USA)  
 Dr. G.W. Farnell, McGill University (Canada)  
 Dr. R.L. Gardner (USA)  
 Dr. A. Georgiadis, Heriot-Watt University (United Kingdom)  
 Dr. D.V. Giri, University of new Mexico (USA)  
 Dr. R.A. Greenwald, The Johns Hopkins University (USA)  
 Prof. F. Gronwald, Universität Siegen (Germany)  
 Prof. M.T. Hallikainen, Aalto University (Finland)  
 Mr. J. Hamelin (France)  
 Prof. M. Hayakawa, Univ. of Electro-Communications (Japan)  
 Dr. J.H.M. Hénaff, France Telecom R&D (CNET) (France)  
 Prof. J.N. Hewitt, Massachusetts Institute of Technology (USA)  
 Prof. E. Heyman, Tel Aviv University (Israel)  
 Prof. Em. H. Hirabayashi (Japan)  
 Prof. R. B. Horne, British Antarctic Survey (United Kingdom)  
 Prof. U.S. Inan, Electrical Eng. Dept, Stanford University (USA)  
 Prof. M. Inoue, Nat. Astronomical Observatory of Japan (Japan)  
 Prof. A. Ishimaru, University of Washington (USA)  
 Prof. K. Ito, Chiba University (Japan)  
 Dr. H.G. James, NRCAN (Canada)  
 Prof. J. Jonas, Rhodes University (South Africa)  
 Prof. T.B. Jones, University of Leicester (United Kingdom)  
 Prof. E.V. Jull (Canada)  
 Prof. H. Kikuchi, Osaka University (Japan)  
 Prof. K. Kobayashi, Chuo University (Japan)  
 Prof. Y. Koyama, NICT (Japan)  
 Prof. P. Lagasse, Ghent University (Belgium)  
 Dr. R.H. Lang, George Washington University (USA)  
 Prof. J. Lichtenberger, Eötvös University (Hungary)  
 Prof. J.C. Lin, University of Illinois at Chicago (USA)  
 Prof. I.V. Lindell, Aalto University (Finland)  
 Prof. Y. Louët, CENTRALESUPELEC - Campus de Rennes (France)  
 Prof. M. Luise, University of Pisa (Italy)  
 Prof. S. Maci, University of Siena (Italy)  
 Prof. G. Manara, Università di Pisa (Italy)  
 Adj. Prof. J. Manninen, University of Oulu (Finland )  
 Dr. D. H. Massonnet, Centre Spatiale de Toulouse (France)  
 Prof. J.D. Mathews, The Pennsylvania State University (USA)  
 Dr. L.M. Mir, CNRS, Gustave Roussy PR2 (France)  
 Dr. R. Mittra (USA)  
 Dr. A.F. Molisch, Hughes Aircraft Electrical Eng. Building (USA)  
 Prof. T. Oguchi (Japan)  
 Prof. T. Ohira (Japan)  
 Prof. Y. Omura, Kyoto University - RISH (Japan)  
 Dr. S. Paloscia (Italy)  
 Prof. H. Vincent Poor, Princeton University (USA)  
 Dr. F. Prato, Lawson Health Research Institute (Canada)  
 Prof. Y. Rahmat-Samii, Univ. of California at Los Angeles (USA)  
 Prof. B.W. Reinisch, Lowell Digisonde International, LLC (USA)  
 Dr. M.T. Rietveld, Heating Division (Norway)  
 Prof. P. Russer, Technische Universitaet Muenchen (Germany)  
 Prof. S. Salous, Durham University (United Kingdom)  
 Prof. O. Santolik, Academy of Sciences (Czech Republic)  
 Prof. R.T. Schilizzi, University of Manchester (United Kingdom)  
 Prof. K. Schlegel, (Germany)  
 Prof. A.J. Seeds, University College London (United Kingdom)  
 Prof. L. Shafai, University of Manitoba (Canada)  
 Prof. S. Shamai, Technion-Israel Institute of Technology (Israel)  
 Dr. J. Shapira (Israel)  
 Prof. N. Shinohara, Kyoto University (Japan)  
 Prof. A. Sihvola, Aalto University (Finland)  
 Prof. C. Sirtori, Ecole normale supérieure (France)  
 Prof. I. Stanislawski, Space Research Centre (Poland)  
 Prof. G. Steinmeyer (Germany)  
 Dr. P. Stubbe (Germany)  
 Dr. U. Stumper, Physik.-Techn. Bundesanstalt (Germany)  
 Prof. M. Taki, Tokyo Metropolitan University (Japan)  
 Prof. T. Tanzi, Inst. Mines-Telecom - Telecom ParisTech. (France)  
 Dr. S. Tedjini, LCIS (France)  
 Prof. S. Ueno, Graduate School of Engineering (Japan)  
 Prof. P.L.E. Uslenghi, University of Illinois at Chicago (USA)  
 Prof. P. Van Daele, IBBT - Ghent University (Belgium)  
 Dr. A.P.J. Van Deursen, Techn. Univ. Eindhoven (Netherlands)  
 Prof. J. L. Volakis, Florida International University (USA)  
 Dr. J. Wiart, Université Paris Saclay, Chair C2M (France)  
 Dr. P. Wilkinson, (Australia)  
 Dr. R.F. Woodman, Instituto Geofisico del Peru (Peru)  
 Dr. A. Zaghoul, Virginia Tech (USA)



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## URSI Channel on YouTube

Keep on checking our YouTube channel... we add new recordings on the channel as e.g. now an introductory talk by our President Prof. Ari Sihvola at the occasion of the 2024 Meeting of the Spanish URSI Committee and the recording of the 10<sup>th</sup> A.P. Mitra Memorial Lecture by Prof. Paul Cannon.



Make sure to check them out and subscribe to our channel!

<p style="text-align: center;">Welcome address at the 2024 Meeting of the Spanish URSI Committee</p> 	<p style="text-align: center;">URSI India – 10<sup>th</sup> A.P. Mitra Memorial Lecture</p> 
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Make sure to follow URSI on social media:

