



Welcome

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Our XXXVIth URSI General Assembly and Scientific Symposium ([URSI GASS 2026](#)) held in Krakow, Poland from 15 August to 22 August, is, as most of you will understand, the reason why this newsletter is late. Our apologies for this, but things have been quite busy for us at the URSI Secretariat. GASS 2026 was a big success, although registrations did not reach the record heights we had in 2023 in Sapporo, the programme was interesting and exciting with over 1100 papers presented over 450 sessions.

In total nearly 1100 participants from 52 countries attended and enjoyed the hospitality of our Polish hosts. Our sincere thanks go out to them for organizing GASS 2026 in the beautiful city of Krakow. More details can be found further in the newsletter.

URSI GASS 2026 also marks the election of a new URSI Board, new URSI Commission Vice Chairs and Commission ECRs. You'll find all the details here in the newsletter.

We have now started the final approach to our next URSI Flagship meeting which will be the 5th URSI Atlantic Radio Science Conference ([URSI AT-RASC 2027](#)) to be held 23 – 28 May 2027, Gran Canaria.

This newsletter also contains updates on activities of our Member Committees and events supported by our 10 URSI Commissions.

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

AP-RASC 2028
Toyama
20 – 25 August



AT-RASC 2027
Gran Canaria
23 – 28 May 2027

GASS 2029
Singapore
11 – 18 August 2029



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URSI Board 2026 - 2029

URSI President



Prof. Kazuya Kobayashi
Japan

URSI Past President



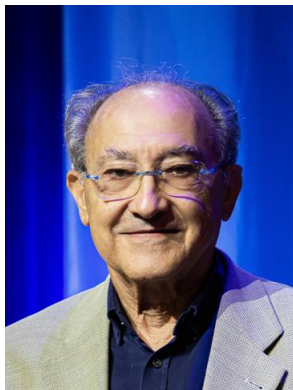
Prof. Ari Sihvola
Finland

URSI Secretary General



Prof. Peter Van Daele
Belgium

URSI Vice-President



Dr. Lluís M. Mir
France

URSI Vice-President



Dr. Michael Newkirk
USA

URSI Vice-President



Prof. Sana Salous
United Kingdom

URSI Vice-President



Prof. Amitava Sen Gupta
India

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URSI Commission Chairs, Vice-Chairs and ECRs 2026-2029

The results of the elections held at the GASS 2026 in Krakow, Poland:

Commission A Chair: José Mauricio López Romero (Mexico) Vice-Chair: Tian Hong Loh (United Kingdom) Senior ECR: Ricardo Figueiredo (Portugal) Junior ECR: Mayra Alejandra Rivera Ruiz (Mexico)	Commission B Chair: Ludger Klinkenbusch (Germany) Vice-Chair: Branislav M. Notaros (USA) Senior ECR: Satheesh Bojja Venkatakrishnan (USA) Junior ECR: Mario Phaneuf (Canada)
Commission C Chair: Kumar Vijay Mishra (USA) Vice-Chair: Raghu G. Raj (USA) Junior ECR1: Grzegorz Bogdan (Poland) Junior ECR: Jonathan Arley M. Salazar (Colombia)	Commission D Chair: Tahsin Akalin (France) Vice-Chair: Valentina Palazzi (Italy) Senior ECR: Giacomo Paolini (Italy) Junior ECR: Ricardo A.M. Pereira (Portugal)
Commission E Chair: Chaouki Kasmi (France) Vice-Chair: Gabriele Gradoni (United Kingdom) Senior ECR: Flávio M. da Silva Jorge (Portugal) Junior ECR: Nastaran Soleimani (Italy)	Commission F Chair: Slawomir J. Ambroziak (Poland) Vice-Chair: Tomoo Ushio (Japan) Senior ECR: Gargi Rakshit (India) Junior ECR: Krystyna Monika Drozdowska (Spain)
Commission G Chair: Sean Elvidge (United Kingdom) Vice-Chair: Sigrid Elschot (USA) Senior ECR: David R. Themens (UK) Junior ECR: Danielle Edwards (Australia)	Commission H Chair: Robert A. Marshall (USA) Vice-Chair: Ivana Kolmašová (Czech Republic) Senior ECR: David Hartley (USA) Junior ECR: Rachel Black (United Kingdom)
Commission J Chair: Yashwant Gupta (India) Vice-Chair: Pietro Bolli (Italy) Senior ECR: Mohamed Said Darwish (Egypt) Junior ECR: Michael Anthony Kriele (Australia)	Commission K Chair: Francesca Apollonio (Italy) Vice-Chair: Michal Cifra (Czech Republic) Senior ECR: Kun Li (Japan) Junior ECR: Micol Colella (Italy)



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URSI Flagship Meetings

XXXVIth URSI General Assembly and Scientific Symposium (URSI GASS 2026)

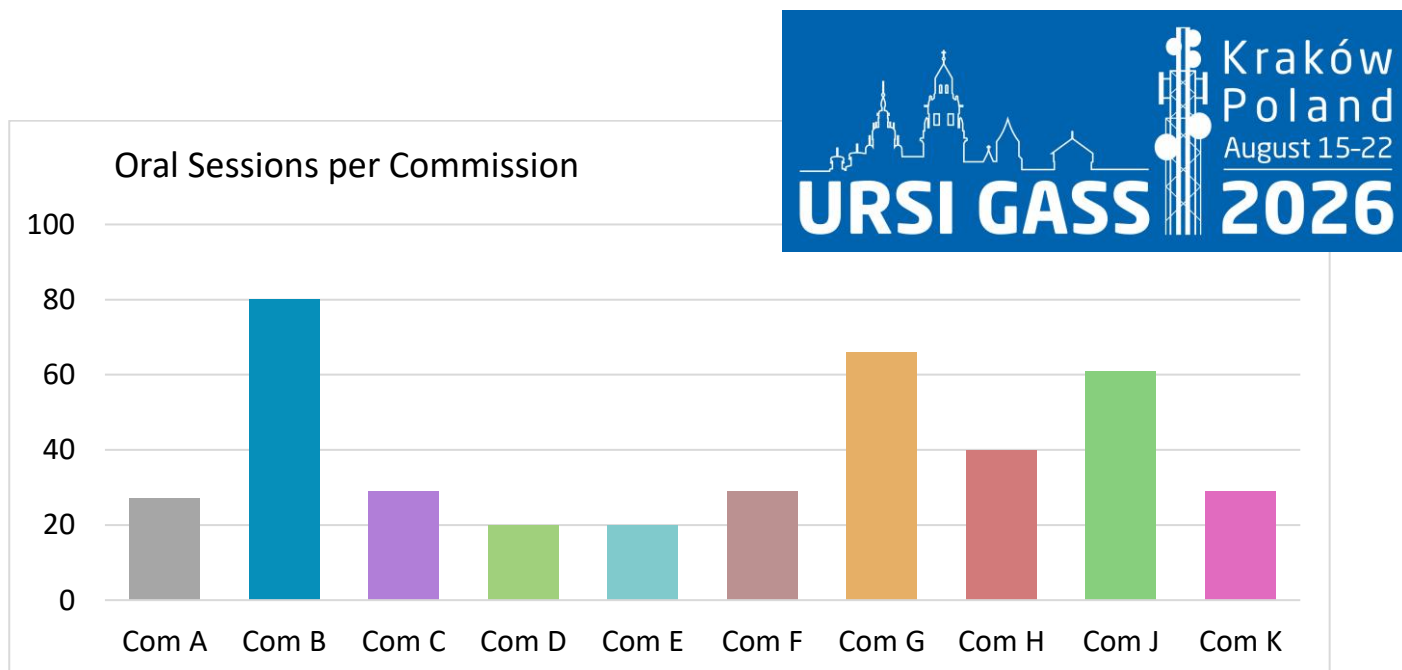
URSI GASS 2026 in Krakow was a big success and a great event! Thanks to our Polish colleagues, we enjoyed an interesting programme and a series of stimulating social events.

URSI GASS 2026 – Scientific Programme

A total of 1367 papers were submitted, with first authors originating from 60 countries.

Algeria	2	HongKong	1	Pakistan	2
Australia	39	Hungary	7	Peru	2
Austria	8	India	111	Poland	124
Belgium	9	Indonesia	9	Portugal	7
Benin	1	Iran	4	Russia	5
Brazil	16	Ireland	2	Saudi Arabia	20
Bulgaria	1	Israel	23	Singapore	3
Canada	29	Italy	105	Slovakia	2
Chile	4	Jamaica	1	South Africa	16
China	127	Japan	81	South Korea	17
Côte d'Ivoire	1	Kenya	1	Spain	19
Cyprus	4	Kuwait	1	Sweden	16
Czech Republic	22	Malaysia	2	Switzerland	9
Denmark	7	Malta	4	Taiwan	35
Egypt	1	Mexico	2	Thailand	5
Estonia	1	Morocco	1	Turkey	25
Finland	32	Netherlands	32	Ukraine	8
France	40	New Zealand	1	United Arab Emirates	3
Germany	62	Nigeria	2	United Kingdom	79
Greece	10	Norway	9	United States	155

The GASS 2026 Scientific programme consisted of 450 sessions (439 oral sessions + 11 poster sessions).



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Besides the normal technical sessions, there were also:

Opening lecture (picture on the right):

- **Exoplanets in the Radio**
Alexander Wolszczan, Penn State University, United States

Two General Lectures:

- **Space Very-Long-Baseline Interferometry: past, present and future**
Leonid Gurvits, Delft University of Technology, The Netherlands
- **Ionospheric Radio Science: Standing on Giants While Building the Future**
Anthea Coster, MIT Haystack Observatory, United States

The 3rd General Lecture entitled “Statistical Wave Physics for Complex Electromagnetic Systems: From EMC to Information Theory” by Gabriele Gradoni, University of Surrey, United Kingdom, was cancelled due to illness of the speaker.

Ten Commission tutorials:

- Com A: “**Microwave Sensing and Precision Metrology for Biomedical and Food Quality Applications**”,
Ilona Piekarz, AGH University of Krakow, Poland
- Com B: “**Art and Challenges in Planar Antenna Design**”,
Debatosh Guh, Institute of Radio Physics and Electronics, University of Calcutta, India
- Com C: “**Polarimetric Weather Radar: Applications and Advances**”,
Merhala Thurai, Colorado State University, USA
- Com D: “**Wireless Power Transfer at Long Distances by Focusing Microwaves with Quasioptics**”
Ricardo A. M. Pereira, Instituto de Telecomunicações, Portugal
- Com E: “**The role of natural and artificial interference on modern radio instruments**”,
Biago Forte, University of Bath, United Kingdom
- Com F: “**Channel Measurements and Models for THz Communications**”
Thomas Kürner, Technische Universität Braunschweig, Germany
- Com G: “**Refraction versus Diffraction: A Multiscale Perspective on Ionospheric Scintillation**”
Luca Spogli, Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy
- Com H: “**Causes and consequences of temporal variability of wave-particle interactions in Earth’s outer radiation belt**”,
Clare Watt, School of Engineering, Physics and Mathematics, Northumbria University, United Kingdom
- Com J: “**LOFAR: From Concept to Continental Observatory**”
Michiel van Haarlem, LOFAR ERIC, Netherlands
- Com K: “**Single-cell Dielectrophoresis and Dielectric Spectroscopy**”
Elham Salimi, University of Manitoba, Canada

Two ECR tutorials:

- “**Modern RF Linearity Characterization: Paving the Way for Next-Generation System Design**”
Ricardo Figueiredo, Instituto de Telecomunicações, Aveiro, Portugal
- “**Being responsible in the age of Big Data: Remote sensing the ionosphere and magnetosphere**”
David Themens, University of Birmingham, United Kingdom



Alexander Wolszczan, Penn State University,
United States

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5th URSI Atlantic Radio Science Conference (URSI AT-RASC)

23 – 28 May 2027, Gran Canaria

The 5th edition of AT-RASC will be held in Gran Canaria from 23 – 28 May 2027.

Be prepared to enjoy this jubilee edition. We are already looking forward to making this a special event for all participants.



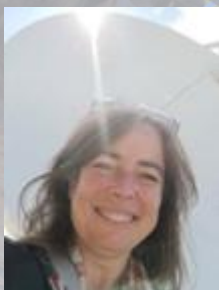
General Chair
Prof. Giuliano Manara
University of Pisa, Italy



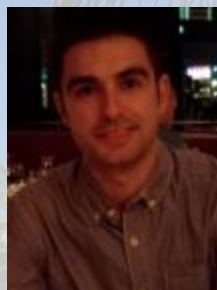
TPC co-Chair
Prof. Rafaella Fiorelli
IMSE-CNM, Spain



TPC co-Chair
Prof. M.J. Madero Ayora
Univ. de Sevilla, Spain



General lecturer & WIRS
Dr. Cristina García Miró
OAN, Spain



Young Scientists Panel
Dr. Carlos Molero Jiménez
Univ. de Sevilla, Spain



Young Scientists Panel
Prof. Stefan Wijnholds
ASTRON, Netherlands



Chair LOC
Prof. Peter Van Daele
URSI Secretariat



Publications
Ms. Inge Lievens
URSI Secretariat

AT-RASC 2027 Timeline

18/01/27:

Paper submission
deadline

01/03/27:

Notification of
acceptance

15/04/2027:

Early-bird registration
deadline

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8th URSI Asia-Pacific Radio Science Conference (URSI AP-RASC 2028)

20 – 25 August 2028, Toyama, Japan

The next edition of the AP-RASC conference will be held in Toyama, Japan from 20 to 25 August 2028. Make sure to mark the dates in your calendar.



XXXVIIth URSI General Assembly and Scientific Symposium (URSI GASS 2029)

During the 2023 GASS in Sapporo, the URSI Council accepted a proposal from the Singapore URSI Committee to host the XXXVIIth GASS in Singapore from 11 to 18 August 2029.



XXXVIIIth URSI General Assembly and Scientific Symposium (URSI GASS 2032)

During our last General Assembly in Krakow, URSI Council accepted a proposal from the Canadian URSI Committee to host the XXXVIIIth GASS in Ottawa from 21 to 28 August 2032. The venue will be the Rogers Centre Ottawa, located close to Parliament Hill, the popular Rideau Canal, and all major attractions and hotels.



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URSI Member Committee Activities

URSI Member Committee – Egypt

43rd National Radio Science Conference (NRSC2026), 5-7 May 2026, New Damietta, Egypt

The 43rd National Radio Science Conference (NRSC 2026) was held at Horus University in Egypt (HUE), New Damietta, Egypt, from May 5 to 7, 2026. The conference was jointly organized by the Academy of Scientific Research and Technology (ASRT), the National Radio Science Committee (NRSC), and Horus University in Egypt (HUE).

Opening Ceremony and Leadership

The opening ceremony was successfully held on the HUE campus and was attended by a distinguished group of academic leaders, researchers, and invited guests, reflecting the conference's national and international significance. The event was organized under the auspices of Prof. Abdelaziz Konsowa, Minister of Higher Education and Scientific Research; Prof. Gina El-Feky, President of the Academy of Scientific Research and Technology (ASRT); and Prof. El-Saied Abdel-Hady, President of Horus University in Egypt (HUE). Distinguished invited, His Excellency the Minister Governor of Damietta - Prof. Dr. Hossam El-Din Fawzy, Major General Dr. Al-Husseini Sharaf - Director of the Military Technical College and Major General Dr. Ahmed Khairy - Assistant to the President of the Egyptian Military Academy. The conference was chaired by Prof. Hisham El-Badawy, with Prof. Hatem Khater serving as Conference Co-Chair, Prof. Rowayda A. Sadek as Conference Vice-Chair, Prof. Said E. El-Khamy and Prof. Hadia El-Hennawy as Technical Program Chairs, Prof. Ahmed H. Madian as Conference Secretary General, and Prof. Ayman El-Tager as Conference Publications Chair. Figure 1 shows the opening ceremony talks and attendees



Prof. Rowayda Sadek, Vice Chair on behalf of Prof. Hisham El-Badawy, Conference Chair



Prof. Ahmed Madian, Conference Secretary General



NRSC Committee



Audiences' engagement Conference Opening



Figure 1: The formal opening ceremony of NRSC 2026

Honoring Pioneers of Radio Science

Following the long-standing tradition of the NRSC conference series, three distinguished pioneers of Radio Science in Egypt were honored in recognition of their outstanding contributions to radio science research, education, and professional service. The honorees were; Prof. Saber Helmy Zainud-Deen (Menoufia University), Prof. Magdy Elsoudany (Cairo University) and Prof. Hisham Haddara (Ain Shams University). Their achievements have significantly contributed to the advancement of radio science and communications engineering in Egypt and beyond. Figure 2 shows the honorees.

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Additionally, the NRSC committee was privileged to recognize foundational committee members who have provided dedicated, long-term service and support: Prof. Said E. El-Khamy (Alexandria University) in recognition of exemplary leadership and pioneering contributions to radio science., Prof. Elsayed Mostafa Saad (Helwan University) as a token of deep appreciation for dedicated academic service and support, Prof. Hadia El-Hennawy (Ain Shams University) honoring her visionary guidance and enduring inspiration to women in science, and Prof. Dr. Hesham El-Badawy (NRSC Committee President, NRSC2026 Chair, IEEE Egypt Vice Chair, MCIT) for his exceptional legacy, dedicated to honoring sustained giving, community building, and impactful contributions. Figure 3. Shows part of our foundational committee members.



Prof. Saber Helmy Zainud-Deen
(Menoufia University),



Prof. Magdy Elsoudany
(Cairo University)
Received by Prof. Ahmed Elsherbini



Prof. Hisham Haddara
(Ain Shams University)

Figure 2: Distinguished pioneers of Radio Science of NRSC 2026



Prof. Said E. El-Khamy
Leadership Shield



Prof. Hadia El-Hennawy,
Inspiration Shield
Received by Prof. Ahmed
Madian



Prof. Elsayed Mostafa Saad
Gratitude Shield



Prof. Dr. Hesham El-Badawy
**Exceptional Dedication
Shield**
Received by Prof. Rowayda
Sadek

Figure 3: Part of the Foundational members of Egyptian Radio Science committee

Keynotes, Specialized Technical Program and Workshops

NRSC 2026 was privileged to host a distinguished group of internationally recognized keynote speakers. The keynote addresses were delivered by Prof. Abdel Razik Sebak, Prof. Hisham Haddara, Prof. Mohamed Abd El-Azim, and Prof. Khaled Abdel-Ghaffar, who shared their insights, experiences, and recent advances in their respective fields. Figure 4 shows their presentations, which provided valuable perspectives and helped set the scientific vision of the conference.

In addition, the technical program featured several invited talks delivered by leading experts, including Prof. Ahmed El-Sherbini, Prof. Ahmed Attia, and Prof. Hatem Khater, as shown in figure 5. These presentations addressed important topics such as global digital policy, artificial intelligence applications in antenna systems, electromagnetic analysis, and marine signal processing.

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Prof. Hisham Haddara



Prof. Abdel Razik Sebak



Prof. Mohamed Abd El-Azim



Prof. Khaled Abdel-Ghaffar

Figure 4: The main keynote speakers



Prof. Hatem Khater



Prof. Ahmed El-Sherbini



Prof. Ahmed Attia

Figure 5: The main Invited speakers



Figure 6: NRSC2026 gathered wide spectrum of academic and institutional leaders

The conference attracted a broad audience of researchers, academics, engineers, and students from universities and research institutions across Egypt and abroad, making it a significant scientific gathering that facilitated knowledge exchange and collaboration as shown in Figure 6.

The technical program of NRSC 2026 was comprehensive and diverse, encompassing a wide range of activities aimed at promoting innovation and scientific interaction. A total of 55 scientific papers were submitted for consideration. Each submission was screened using IEEE CrossCheck for plagiarism detection and underwent a rigorous blind peer-review process involving three expert reviewers. Following the review process, 34 regular papers were accepted for presentation, resulting in an acceptance rate of 61.8%. The accepted papers were distributed across the URSI Commissions as follows: Commission

B: 3 papers, Commission C: 16 papers, Commission D: 5 papers, Commission F: 4 papers, and Commission K: 6 papers. The conference proceedings were approved for inclusion in the IEEE Conference Publication Program. The proceedings received official IEEE catalog numbers and were designated for publication and dissemination through the IEEE Xplore Digital Library, ensuring broad international visibility and accessibility.

The conference program was further enriched by a variety of specialized workshops. A Women In Radio Science (WIRS) Workshop was organized to promote the participation, visibility, and advancement of women in radio science and related disciplines. A specialized workshop explored emerging technologies and future research directions in rapidly evolving areas, entitled "AI AND RF Technologies for Smart Cities Workshop" encouraged interdisciplinary collaboration between engineers, medical researchers, and industry professionals. Figure 7 shows the WIRS theses/ Dissertations competition and WIRS panel session led by Prof. Rowayda Sadek, and also the workshop for smart cities led by Prof. Ayman Eltager.

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WIRS theses / dissertations competition and WIRS panel session.



AI AND RF Technologies for Smart Cities Workshop

Figure 7: Specialized Workshops

Student Activities and Awards

In keeping with NRSC tradition, awards were presented to recognize outstanding scientific contributions. Two Best Paper Awards and three Best Student Paper Awards, supported by URSI, were presented during the conference. The winning papers were authored and presented by graduate students and young researchers, underscoring the conference's commitment to fostering excellence among early-career scientists.

To encourage and support emerging researchers, NRSC 2026 featured a dedicated Undergraduate Poster Session. This event provided students with valuable opportunities to present their work, exchange ideas with experts, and receive constructive feedback from senior researchers and committee members. The activity attracted strong participation and generated lively discussions among students, faculty members, NRSC committee representatives, and session chairs. Figure 8 shows part of the poster session activities, and the awardees best papers awards as well as undergraduate work awards.

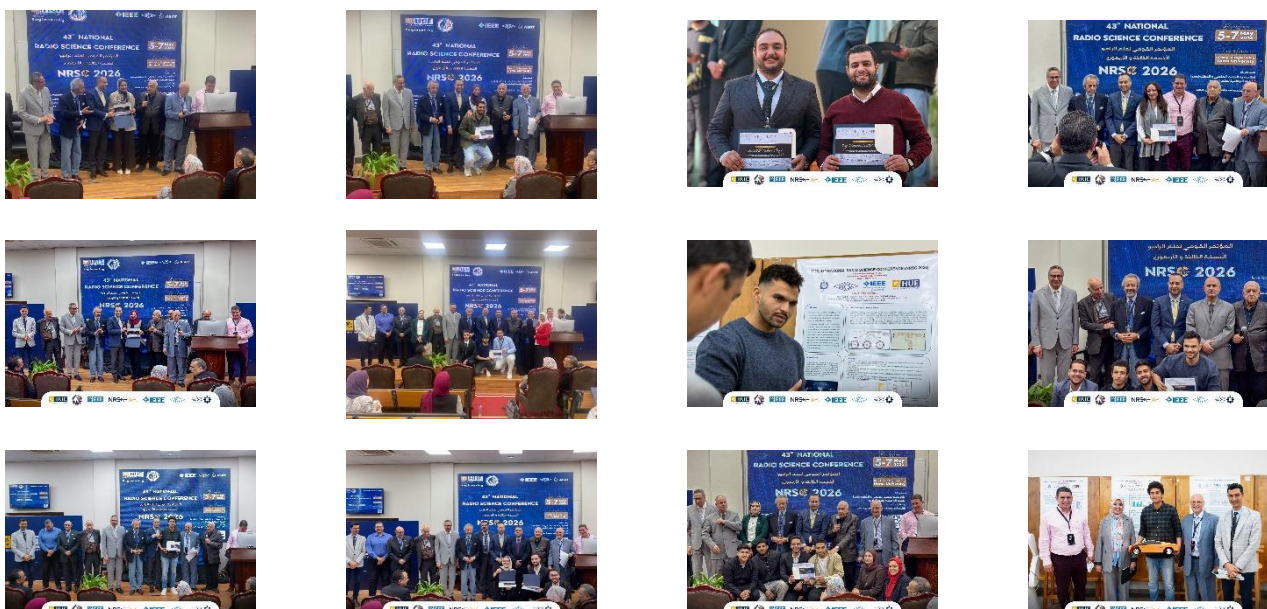


Figure 8: A group photographs of the Best Paper and Best Student Paper Award recipients receiving their certificates and Undergraduates activities awarded

Shortly after the conclusion of the conference, our community suffered a profound loss with the passing of Professor Hesham El-Badawy, Committee President and Conference Chair.

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(Communicated by Hisham El-Badawy (In Memoriam) and Rowayda A. Sadek)

URSI Member Committee – France

URSI-France national workshop (JS 2026), 5-7 May 2026, Palaiseau, France

The URSI-France annual workshop (JS 26) took place in May 2026 in Palaiseau at Telecom Paris (Institut Polytechnique de Paris), in the heart of the world-famous Paris-Saclay campus. The topic “INTELLIGENT TOOLS AND METHODS FOR RADIO SCIENCE” was intended to cover a scientific area that is not naturally at the core of radio science, but which becomes everyday more important with the penetration of artificial intelligence in all professional domains. The workshop was chaired by Prof. Joe Wiart, former president of URSI-France.

The program was organized over 2 ½ days, a format that was not the original when this workshop was initiated long ago, but which now seems more appropriate to include all essential aspects and activities of URSI-France. Indeed, beyond the traditional set of invited talks, contributed presentations and poster session, the program needs to include the remittal of the annual URSI-France medal, that of the PhD prize in radio science, and the general assembly of the association.

The medal was attributed by the committee to Prof. Michel Ney, a still active renowned emeritus professor at Lab-Sticc Laboratory in Brest, who pioneered numerical methods in electromagnetism, mostly based on the famous TLM technique. The medal was remitted by Pofr. Peter Van Daele, secretary of URSI, who honored URSI-France with his presence.

The PhD prize in radio science was awarded to Anne Calvel (now in Concordia U., Montréal, Canada), for her work on real time analysis of individual cells electroporation by microwave dielectric spectroscopy.

Finally, the scientific committee selected one young scientist, Dr. Paul Lagouanelle, for the presentation of the best “young scientist paper presentation”, on Temporal Prediction of RF-EMF Exposure Using Surrogate Modeling with Environment-based Clustering.

The program of the 2026 URSI-France annual workshop, together with the papers/abstracts in open access can be found on the web site devoted to the event.



Remittal of URSI-France medal to Michel Ney by Peter Van Daele, URSI Secretary General, in the presence of Lluís M. Mir, URSI-France President.



Remittal of the PhD prize in radio science to Anne Calvel by Ludwig Klein and Emmanuelle Conil



Best “young scientist paper presentation” with a trophy given to Paul Lagouanelle by Joe Wiart

(Communicated by Alain Sibille and Lluís M. Mir)

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URSI Member Committee – India

URSI-Regional Conference on Radio Science (URSI-RCRS 2026), 18 – 20 November 2026, Navi Mumbai, India

URSI Regional Conference on Radio Science (RCRS) is a biennial flagship conference of the Indian Radio Science Society (InRaSS) and covers the broad research areas of URSI's ten Scientific Commissions. This year the 7th URSI-RCRS is being organized by Indian Institute of Geomagnetism (IIG). The conference is scheduled to take place at IIG, HQs New Panvel from 17 to 20 November 2026.

(Communicated by Amitava Sen Gupta)





7TH URSI Regional Conference on Radio Science (URSI-RCRS 2026) (17-20 November, 2026)

Flagship Conference of the Indian Radio Science Society (InRaSS)
Organized by : Indian Institute of Geomagnetism, New Panvel, Navi Mumbai
• <https://iigm.res.in/ursi.rcrs2026/index.html> •

The Conference Covers the Following Scientific Commissions

- Commission A: Electromagnetic Metrology
- Commission B: Fields and Waves
- Commission C: Radio-communication Systems and Signal Processing
- 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

Important Dates

- Abstract submission open–08 May 2026 (Friday)
- Abstract submission end–10 July 24 July 2026 (Friday)
- Paper acceptance decision–21 August 28 August 2026 (Friday)
- Registration open–21 August (Friday)
- Early bird registration end–18 September 2026 (Friday)

• Young Scientists Awards (YSA) • Students Paper Competition (SPC) • Publication of the papers in IEEE Xplore •

Conference will be held at the Indian Institute of Geomagnetism, New Panvel, Navi Mumbai, Maharashtra.

General Chairs Prof. Amitava Sen Gupta Prof. A. P. Dimri	Organising Chair Dr. Amit Kumar Patra	Convener Prof. Satyavir Singh
SOC Chairs Prof. Animesh Maity Prof. Janardhan Padmanabhan	Finance Chairs Prof. Paulraj R. Dr. Ashutosh Shukla	

7th URSI Regional Conference on Radio Science 2026 (URSI-RCRS 2026) 17–20 November, 2026

Flagship Conference on Indian Radio Science Society

COLABA MAGNETIC OBSERVATORY
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URSI Member Committee – Japan

2026 URSI-Japan Radio Science Meeting (URSI-JRSM 2026), 2–3 March 2026, Chofu, Tokyo, Japan

The 2026 URSI-Japan Radio Science Meeting (URSI-JRSM 2026) was successfully held on 2–3 March 2026 at the University of Electro-Communications, Chofu, Tokyo, Japan. The meeting was sponsored by The Institute of Electronics, Information and Communication Engineers (IEICE), technically co-sponsored by URSI, and supported by the Science Council of Japan. Organized through the activities of the Japan National Committee of URSI (JNC-URSI), the URSI-JRSM provides a scientific forum for radio scientists and engineers in Japan and across Asia. Its objectives are to review current research trends, present new results, and promote future collaborations in all areas of radio science.

URSI-JRSM 2026 was the fifth meeting in the URSI-JRSM series initiated in 2014. The conference attracted 118 participants from Japan, India, China (CIE), China (SRS), Canada, Malaysia, Thailand, and Bangladesh. The technical programme featured 107 presentations, consisting of two keynote lectures, ten invited lectures representing all ten URSI Scientific Commissions, 64 oral presentations, and 31 poster presentations. The two keynote lectures addressed topics of broad relevance to the radio science community: harmonization among scientific, commercial, and medical uses of the radio spectrum, and the contribution of remote sensing and geospatial technologies to climate-resilient societies. In addition, invited lectures organized by URSI Commissions A-K provided participants with an overview of recent advances across the diverse disciplines represented within URSI.

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Opening Ceremony. From left to right: Dr. Shunichi Tano (President, The University of Electro-Communications), Prof. Satoshi Yagitani (URSI-JRSM 2026 General Chair; President, Japan National Committee of URSI), Prof. Kazuya Kobayashi (URSI-JRSM 2026 General Co-Chair; Vice-President, JNC-URSI; Vice-President and Treasurer, URSI; Assistant Secretary-General (AP-RASC), URSI), Prof. Atsushi Kanno (Chair, Commission D, URSI; Chair, Commission D, JNC-URSI), Dr. Kun Li (ECR, Commission K, URSI).

Opening Ceremony. From left to right: Prof. Yasuhide Hobara (URSI-JRSM 2026 Technical Program Committee Chair; Secretary, JNC-URSI), Prof. Satoshi Yagitani (URSI-JRSM 2026 General Chair; President, JNC-URSI), Dr. Shunichi Tano (President, The University of Electro-Communications), Prof. Kazuya Kobayashi (URSI-JRSM 2026 General Co-Chair; Vice-President, JNC-URSI; Vice-President and Treasurer, URSI; Assistant Secretary-General (AP-RASC), URSI), Prof. Atsushi Kanno (Chair, Commission D, URSI; Chair, Commission D, JNC-URSI), Dr. Kun Li (ECR, Commission K, URSI).



The Keynote Lectures and Invited Lectures are as follows:

Keynote Lectures

- Prof. Ryuji Kohno (Yokohama National University / YRP International Alliance Institute)
“Harmonization among Scientific, Commercial, and Other Radio Uses with Regulatory Science – Some Use Cases such as Medical BAN and WPT –”
- Prof. Kayoko Yamamoto (The University of Electro-Communications)
“Toward Climate-Resilient Societies: Remote Sensing and GIS for Adaptation and Mitigation”



Keynote Lecture (Prof. Ryuji Kohno)



Keynote Lecture (Prof. Kayoko Yamamoto)

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Invited Lectures

- Commission A
Dr. Yoshiyuki Tanaka (The University of Tokyo)
"Optical Lattice Clocks as Quantum Sensors for Earth and Space Sciences"
- Commission B
Dr. Tsuneki Yamasaki (Nihon University)
"Construction of a high precision analysis method for electromagnetic fields and its application"
- Commission C
Prof. Mitoshi Fujimoto (University of Fukui)
"Beamforming of Array antenna using quantum annealing"
- Commission D
Prof. Safumi Suzuki (Institute of Science Tokyo)
"Resonant Tunneling Diodes for Terahertz Sensing Application"
- Commission E
Prof. Yuichi Hayashi (Nara Institute of Science and Technology)
"Introduction to Electromagnetic Security: Historical Electromagnetic Eavesdropping Threats and Current Research Directions"
- Commission F
Dr. Takeshi Maesaka (National Research Institute for Earth Science and Disaster Resilience (NIED))
"Evolution of X-band Polarimetric Radar in Japan: From Rainfall Estimation to XRAIN and Beyond"
- Commission G
Prof. Mamoru Yamamoto (Research Institute for Sustainable Humanosphere (RISH), Kyoto University)
"MU Radar and Equatorial Atmosphere Radar, Studies of atmosphere and ionosphere over 40 years"
- Commission H
Dr. Masanori Iwamoto (Kobe University)
"Parametric Instabilities of Intense Electromagnetic Waves in Electron-Positron Plasmas"
- Commission J
Dr. Shun Ishii (National Astronomical Observatory of Japan)
"ALMA Wideband Sensitivity Upgrade (WSU)"
- Commission K
Prof. Akimasa Hirata (Nagoya Institute of Technology)
"International Trends in Electromagnetic Field Exposure Guidelines and Contributions from Japanese Research"

Young scientist development remained a central objective of the meeting. The Student Paper Competition (SPC) attracted seven student submissions. Following paper review, poster evaluation, and finalist presentations, three award winners were selected. The SPC provided an excellent opportunity for students to present their work, receive



feedback from experts across multiple disciplines, and connect with the wider international radio science community. The JNC-URSI sincerely appreciates the support provided through URSI central funds. A grant of EUR 500 was used to support the SPC prizes, contributing directly to the encouragement and recognition of outstanding young radio scientists. The three SPC award winners and their paper titles are as follows:

- First Prize: Anna Iino (The University of Tokyo, Japan)
"Development of an Energy-Efficient Transcranial Magnetic Stimulation Coil for Home-Based Treatment"
- Second Prize: Kanako Narita (The University of Tokyo, Japan)
"Unlocking the Hidden Potential of ALMA Calibrators: A Pilot Blind Search for Galactic Molecular Gas in ALMA Band 1"
- Third Prize: Hiroma Okubo (University of Tsukuba, Japan)
"A New Analysis Approach to Extracting Non-linear Structures in Galactic Radio Observational Data"

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SPC Winners. From left to right: Prof. Yasuhide Hobara (URSI-JRSM 2026 Technical Program Committee Chair), Prof. Kazuya Kobayashi (URSI-JRSM 2026 General Co-Chair), Prof. Satoshi Yagitani (URSI-JRSM 2026 General Chair), Ms. Anna Iino (SPC First Prize Winner), Ms. Kanako Narita (SPC Second Prize Winner), Mr. Hiroma Okubo (SPC Third Prize Winner).

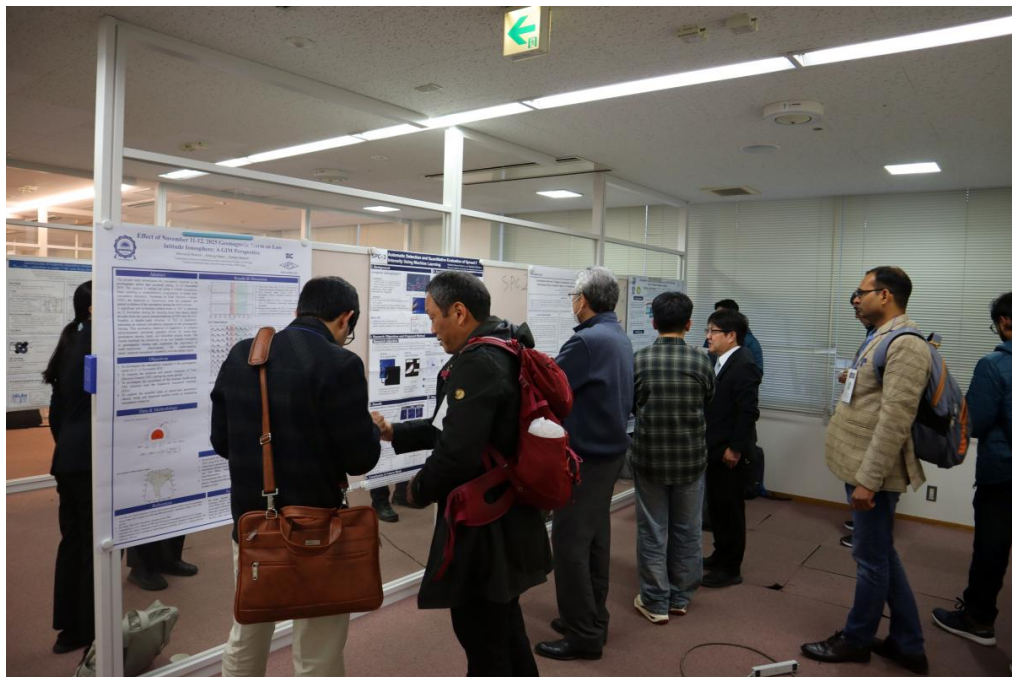
Selected papers presented at URSI-JRSM 2026 will be published in special issues of Radio Science and URSI Radio Science Letters, while SPC award-winning papers will be invited for publication in URSI Radio Science Letters. These activities will further enhance the international dissemination of research presented at the meeting.

URSI-JRSM 2026 also provided an opportunity to discuss future regional activities following the successful URSI GASS 2023 in Sapporo, and in preparation for the coming 8th URSI Asia-Pacific Radio Science Conference (AP-RASC 2028) in Toyama, Japan.

The JNC-URSI will continue to advance radio science through international collaboration, foster the next generation of researchers, and contribute to URSI activities both in the Asia-Pacific region and worldwide. The next URSI-JRSM is planned to be held in 2029, prior to the URSI GASS 2029 in Singapore.

Additional information including the technical programme is available at the [website](#). Including the [photo gallery](#).

(Communicated by: Profs. Satoshi Yagitani, Kazuya Kobayashi, Yasuhide Hobara)



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URSI Member Committee – Spain

URSI- National Symposium on Radio and Telecommunications, La Laguna, Tenerife, 2 – 4 September 2026

The University of La Laguna hosted the XLI edition of the URSI 2026 National Symposium, the leading scientific event in radio and telecommunications technologies in Spain from 2 to 4 September. A more extensive report will follow in the next issue of the newsletter, but the pictures below already show a proof of a succesful and very interesting event with a full technical programme, a technical visit and many networking opportuniteis during the social events.



(Communicated by Mikel Laso)

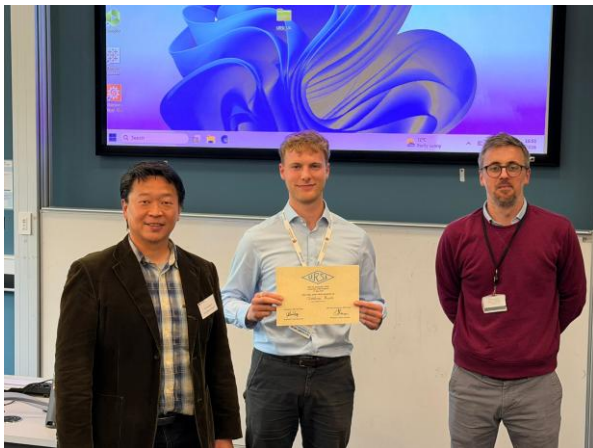
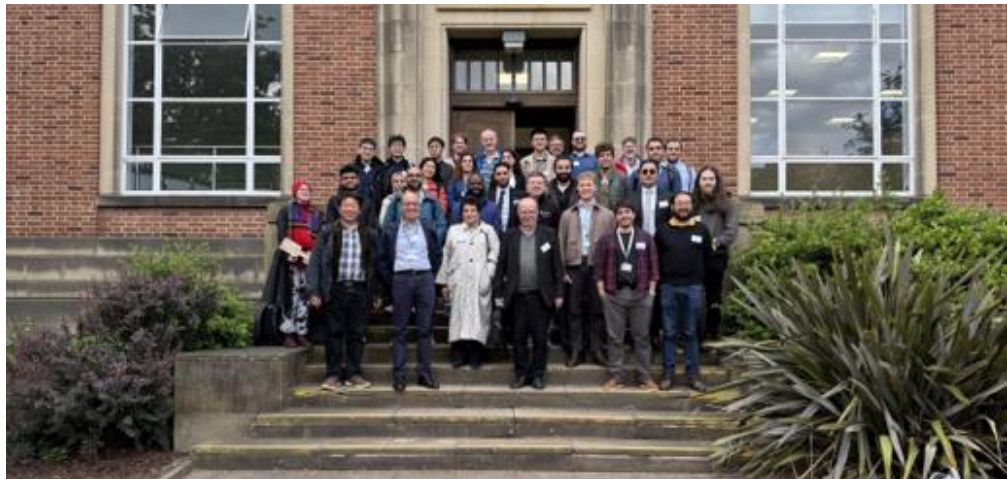
URSI Member Committee – United Kingdom

International Union of Radio Science (URSI) UK Symposium 2026, Birmingham, United Kingdom, 11 May 2026

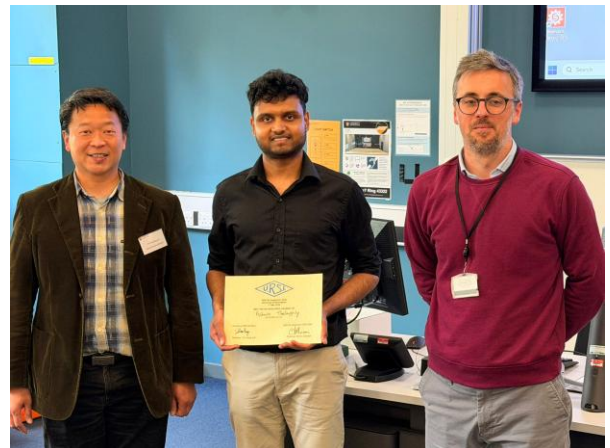
The International Union of Radio Science (URSI) UK Symposium 2026 has successfully hosted at the University of Birmingham on 11 May 2026 (Monday). Contributions were invited on topics covered by any of the ten URSI commissions. This symposium is an opportunity for early-career radio scientists/engineers 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. Papers have been refereed and selected for oral or poster presentation. It gathered top professors, researchers, and industries to discuss and innovate the future wireless communication technologies trends.

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There were about 40 attendees. There was 1 keynote presentation, 10 oral presentations, 11 poster presentations organised in 4 sessions where the submitted papers covering broadly from all 10 URSI commissions. The URSI UK Panel has decided on the Best Oral Paper Prize and Best Poster Paper Prize. The Best Oral Paper Prize goes to Joshua Ruck at Birmingham University and the Best Poster Paper Prize goes to Ashwin Thelappilly Joy at University of Surrey.



*Best Oral Paper Prize awarded to Joshua Ruck
Birmingham University*



*Best Poster Paper Prize awarded to Ashwin Thelappilly Joy
University of Surrey*

Meetings with financial support by URSI Commissions

10th IEEE RADIO international conference

26 - 29 October 2026, Cape Town, South Africa

The 10th edition of the IEEE RADIO international conference will be held from 26th to 29th October 2026 in Cape Town, South Africa. 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 2026 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. Please check the [website](#) for more information



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URSI WIRS – Women in Radio Science

WIRS at GASS 2026

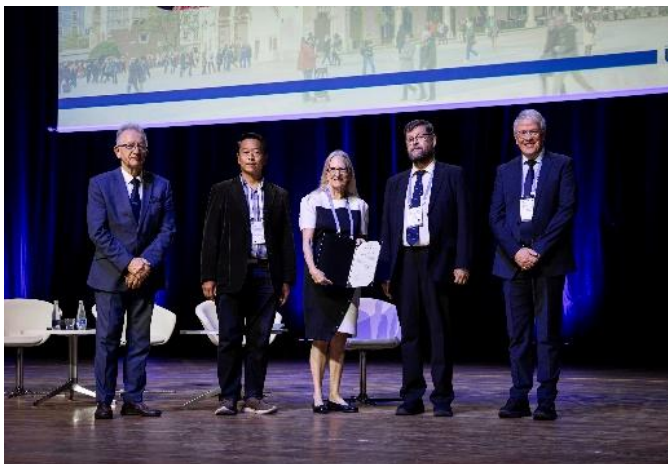
The workshop which was open to all attendees of the GASS started by giving an overview of the WIRS membership which increased from 14 to 20 out of 44 member states. This was followed by an overview of the contributions to the Newsletter and an introduction to the talks of the national committees which included a couple of slides from WIRS-Africa with membership from Nigeria, Morocco, Egypt, Sudan, Uganda, Côte d'Ivoire and South Africa and the events held to celebrate International Women's Day.

WIRS Workshop in URSI GASS:



Prior to the presentations of the national committees, Asta Pellinen-Wannberg gave an overview of how the WIRS initiative started in URSI. In recognition of her contribution to URSI Asta received the president's prize.

This was followed by presentations of the national committees of Italy by Francesca Apollonio, Spain by Cristina Garcia Miró, Sweden by Mariana Dalarsson and China by Haiyang Fu.



Micaela Liberti then gave a talk on 'Women in Scientific Organizations: Evidence and Recommendations'.

The workshop was followed in the evening by a networking event with invited young researchers.

We are also delighted to report that our invited Keynote Speaker Anthea received the Appleton Prize.

(Communicated by Sana Salous)

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WIRS Chapter – Egypt

Egyptian Women Making Waves in Radio Science:

at the NRSC2026, New Damietta, Egypt, 5 May 2026

Introduction

In a field historically dominated by men, Egyptian women are increasingly making their mark in radio science. Initially present as attentive observers, they have now emerged as central contributors to research, innovation, and leadership across the discipline. The Women in Radio Science (WIRS) Egypt Chapter has become a beacon of progress, empowerment, and excellence. Since its pioneering session at NRSC 2019, WIRS has grown into a dynamic platform for celebrating achievements, mentoring young researchers, and advocating gender equity in science. The chapter has held impactful sessions alongside NRSC conferences, creating a space where women can share challenges, successes, and aspirations. Globally, URSI continues to champion gender equity by supporting WIRS chapters and initiatives that elevate the role of women in radio science. The ongoing evolution of WIRS reflects the growing strength and visibility of women in radio science in Egypt. To further empower and recognize women in the field, the Egyptian WIRS Chapter launched the WIRS Award for outstanding MSc and PhD theses or dissertations authored by women. Now expanding through its successive rounds alongside NRSC, the award goes beyond ranking academic work—it celebrates the creativity, resilience, and unique contributions of each candidate.

Panel Discussion and Leadership

The WIRS session at NRSC2026 features prominent academic leaders and institutional pioneers guiding the discourse on women's empowerment, institutional governance, and technical innovation:

- **Prof. Rowayda A. Sadek** – Vice President for Student and Educational Affairs at Saxony Egypt University (SEU), Professor at Helwan University, Secretary of NRSC Committee and Chair of WIRS-Egypt Chapter.
- **Prof. Sally Elghamrawy** – Dean of the MISR Higher Institute for Engineering & Technology.
- **Prof. Maha El-Sabroty** – E-JUST University.
- **Assoc. Prof. Abeer Twakol** – Faculty of Engineering, Mansoura University.
- **Prof. Dalia Elsheikh** – Sewedy University.

Figure 1 shows the respected WIRS panelists receiving recognition after the session. The images provides the respected invited leaders among Prof. Rowayda A. Sadek, the chair of Egypt WIRS chapter and the Secretary of the chapter, Prof. Dalia Elsheikh



Prof. Sally Elghamrawy

Prof. Maha El-Sabroty

Assoc. Prof. Abeer Twakol

Figure 1 Respected WIRS panelists received recognition after the session

Session Themes and Highlights: NRSC2026

The NRSC2026 WIRS session focuses on structured themes connecting individual excellence to institutional impact, technological frontiers, and leadership sustainability. The session was divided into competitions by 5 minutes presentation by the candidates and 5 minutes discussion and the second part included women's leadership, mentorship programs, WIRS Thesis Awards, AI-driven collaboration, emerging research frontiers, and stronger



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education-industry partnerships. Audience participation demonstrated significant interest in these strategic directions.

1. Women's Leadership in Radio Science: From Individual Excellence to Institutional Impact

- **The Egyptian Success Model:** Exploring how to export the Egyptian experience—where women attain prominent leadership and research positions in radio science—as a guiding model for other National Committees within the International Union of Radio Science (URSI).
- Addressing leading academic figures on the most impactful decisions that transformed their paths from distinguished researchers to academic decision-makers.
- Ensuring the momentum generated since 2019 translates into institutional working policies within universities and research centers to guarantee equal opportunities.

2. WIRS Awards and Mentorship for Young Researchers

- **Globalizing Recognition:** Charting the path to elevate the WIRS thesis awards from the national level to an internationally recognized URSI-endorsed distinction.
- **Post-Award Pathways:** Establishing structured mentorship frameworks for award winners to sustain research excellence, secure professorship tracks, and lead laboratories.
- **Cutting-Edge Fields:** Encouraging young researchers to tackle precision domains such as cybersecurity, artificial intelligence, and future network architectures.

3. Social Responsibility

- **Corporate Social Responsibility:** Encouraging major telecommunications corporations to sponsor women-centric initiatives in radio science as part of innovation support and community engagement.

4. Inspiring Future Generations

- **Actionable Strategies:** Moving beyond obstacles to share practical strategies for balancing scientific leadership with administrative responsibilities.

Finally, we introduced One-Minute Advice as unconventional, direct insights delivered by panel members and some of the audiences (men and women) to young women researchers in the audience.

WIRS Thesis Award Recipients and Recognized Research Works

In recognition of exceptional academic rigor, the WIRS Chapter honors outstanding female researchers for their MSc and PhD dissertations. The WIRS Egypt Chapter proudly recognizes outstanding female researchers whose work demonstrates excellence, innovation, and scientific impact. PhD and MSc Award Nominees:

- Aya Ahmed Abd El-Khalek Salama (PhD), *Mansoura University*
Diagnosis of Age-Related Macular Degeneration (AMD) Using Machine Learning Techniques
- Nadine Hossam El-Din Mostafa (MSc), *Horus University*
Deep Learning for Spine Image Classification: A Study of Lumbar Spine Degenerative Disease and Cervical Spine Fracture
- Sherry Heshmat Hareth (PhD), *Arab Academy for Science, Technology and Maritime Transport (AASTMT), Heliopolis Branch*
FPGA-Based Low-Power Hardware Acceleration for Artificial Intelligence Applications
- Hend Samir Saad Elmansy (PhD), *Horus University*
An AI-Based Wearable Platform for Smart Healthcare Systems
- Rana Mosbah Nour (PhD), *Mansoura University*
A Deep Learning Framework for Dorsal Hand Vein Authentication
- Azza Hamdy Ibrahim Abass El-Naggar (PhD), *Mansoura University*
Wearable Antenna Arrays for Biomedical Applications
- Marwa Ali Elgeneedy (MSc), *Horus University*
Automated Multi-Class Classification and Early Diagnosis of Alzheimer's Disease Using Machine Learning Algorithms

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Conclusion and Future Outlook

The WIRS Egypt Chapter continues to serve as a powerful catalyst for advancing women's participation and leadership in radio science. Through mentorship programs, professional recognition, academic networking, and advocacy initiatives, the chapter has cultivated a supportive environment that enables women scientists to thrive and excel. Looking ahead, the chapter encourages several strategic actions in collaboration with URSI, including strengthening gender-focused activities within major scientific events, highlighting successful female role models, promoting work-life balance initiatives, and aligning future programs with the United Nations Sustainable Development Goals (SDGs). By fostering collaboration, innovation, and inclusivity, WIRS Egypt is helping shape a future in which women play a leading role in defining the next generation of scientific discovery and technological advancement in radio science. The event concluded with a celebration of participants, awardees, organizers, and panelists (Figure2).

(Communicated by Rowayda A. Sadek)

WIRS Norway

On 2 September 2026, the URSI WIRS Norway chapter was established, and it held its first meeting. During the meeting, we aligned on the vision, mission, and goals of URSI WIRS and highlighted the importance of creating a radio science community where everyone has the opportunity to develop, contribute, and share their expertise..

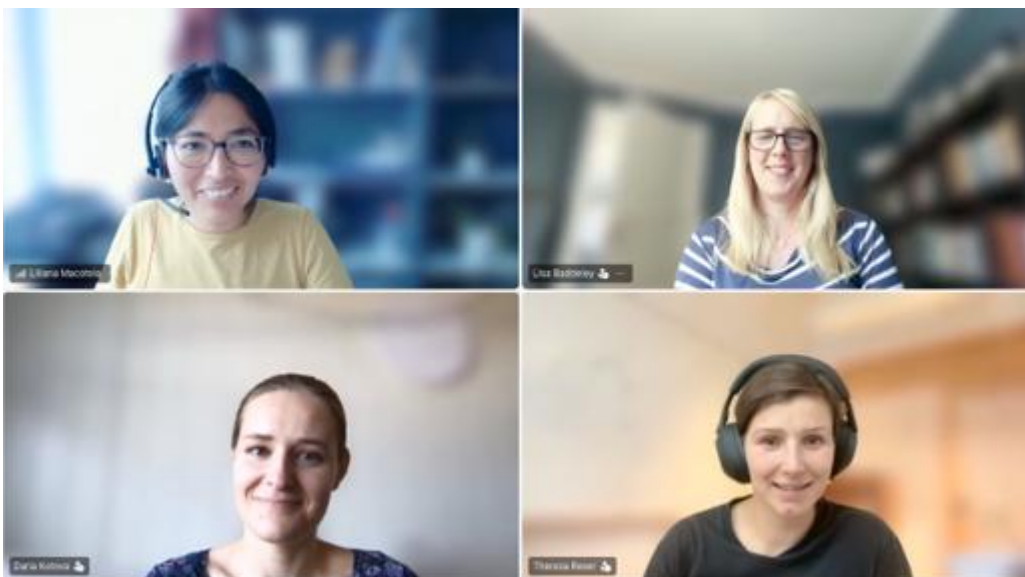


Figure 2. A Group photograph of participants, award recipients, speakers, and organizers following the successful NRSC2026 WIRS session

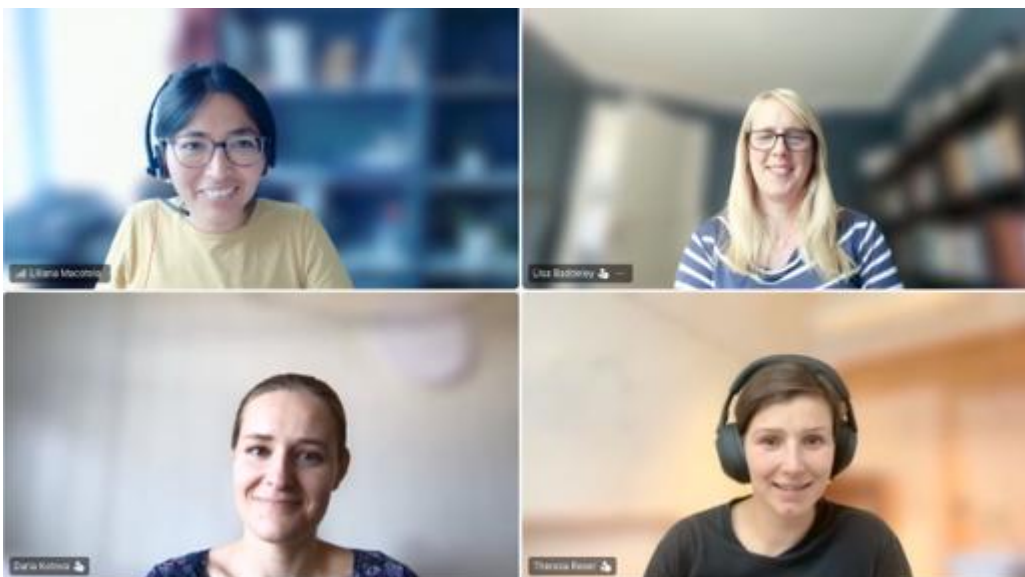


Figure 1: First URSI WIRS Norway meeting, held on 2 September 2026. Participants, from top left to bottom right: Dr. Liliana Macotela (NORCE Research, Tromsø), Prof. Lisa Baddeley (UNIS – The University Centre in Svalbard, Svalbard), Dr. Daria Kotova (University of Oslo, Oslo), and Assoc. Prof. Theresa Rexer (UiT The Arctic University of Norway, Narvik).

WIRS is a women-led chapter that aims to promote the work and achievements of women in radio science, increase motivation and opportunities for underrepresented groups, and contribute to narrowing the gender gap within the community. Its mission is to help create working conditions that support greater gender equality, while recruiting, encouraging, and promoting inclusivity, gender diversity, and technical excellence across the radio science community.

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The WIRS community is intended to support not only women, but also students and early-career researchers of all genders, as well as anyone who would benefit from a space to raise concerns, exchange experiences, and seek support.

Officers

The WIRS Norway chapter will be coordinated by:

- Chair: Dr. Liliana Macotela
- Co-Chair: Dr. Daria Kotova
- Co-Chair: Prof. Hilde Nesse

During the period 2026-2027, the committee aims to raise awareness of the WIRS community in Norway and encourage colleagues to join and participate. Members are welcome to contribute according to their availability, interests, and expertise, allowing activities to develop organically in response to the needs and interests of the community.

Planned activities

The group discussed several activities for the coming year.

- One of the initiatives is to organize a Norwegian delegation lunch or dinner during URSI AT-RASC, providing an informal opportunity for members and colleagues to meet, exchange experiences, and strengthen connections within the Norwegian radio science community.
- Another proposed activity is an online WIRS Norway meeting focused on career development and networking, creating an opportunity to share experiences, discuss career paths, and build connections across different stages of a research career.

These are just the first ideas, and we look forward to developing more activities together with the community. Stay tuned for more information and upcoming initiatives!

The WIRS Norway Chapter warmly welcomes all WIRS colleagues in Norway to participate, contribute ideas, and help us build an inclusive and supportive radio science community. To join, please, send an email to Dr. Liliana Macotela (licr@norcerecearch.no), Dr. Daria Kotova (daria.kotova@fys.uio.no), or Prof. Hilde Nesse (Hilde.Nesse@uib.no).

URSI and international relations

At the occasion of the AdCom meeting of the IEEE Antennas and Propagation Society (AP-S) in Detroit on 11-12 July 2026, co-located with the IEEE AP-S flagship conference, the 2026 IEEE International Symposium on Antennas & Propagation and USNC-URSI Radio Science Meeting an renewed Memory of Understanding (MoU) was signed between URSI and IEEE AP-S.



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This MoU, just as the similar MoUs which exist with IEEE MTT-S and IEEE EMC-S, makes arrangements for mutual support and dissemination of conferences and events. This MoU also ensures the submission of the proceedings of all 3 URSI Flagship meetings to IEEE Xplore.

The MoU was signed by IEEE AP-S President C.J. Reddy and URSI Secretary General Peter Van Daele in the presence of IEEE President and CEO Mary Ellen Randall and IEEE AP-S Director of Intersociety Collaboration (DISC), Branislav M. Notaros

Make sure to follow URSI on social media:

