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URSI Newsletter – 2026/Q2

Welcome

Time flies and our next URSI General Assembly in Krakow, Poland is fast approaching. You will find details on the progress and the preparation of this event in this newsletter. Make sure to check the information, not only on the technical programme, but also on the extra events, workshops, special sessions and social activities! Register and attend!

The newsletter also contains lots of information on activities of our Member Committees and events supported by our 10 URSI Commissions, but we also use this newsletter to announce the laureates of the URSI Awards 2026.

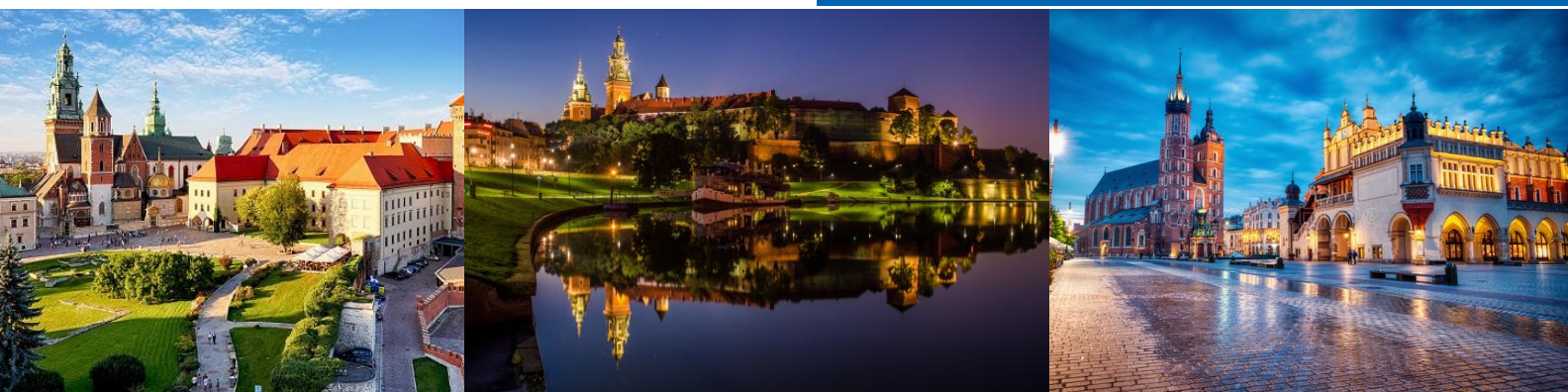
URSI acknowledges scientific research in the field of Radio Science through awarding individuals with a number of URSI Awards. There are "senior" awards such as the Balthasar van der Pol Gold Medal, the John Howard Dellinger Gold Medal, the Appleton Prize, the Booker Gold Medal and the Karl Rawer Gold Medal, and there are "early career" awards like the Koga Gold Medal and the Santimay Basu Prize.

The URSI awardees are selected through a system of nominations and evaluations, and the awards are presented at the Opening Ceremony of the URSI General Assembly. A short description of the background and origin of the different URSI Awards is available on [the dedicated pages of the URSI website](#). Other pages on our website describe the rules for awarding individuals as well as the list of previous awardees.

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.

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2026 URSI Senior Awards

Booker Gold Medal



Yang Hao
Queen Mary University of London, UK

“For pioneering contributions to metamaterials, antennas, and intelligent wireless systems, translating fundamental electromagnetics into transformative technologies that have advanced satellite communications, body-centric networks, and next-generation radio systems”.

Karl Rower Gold Medal



Craig J. Rodger
University of Otago, New Zealand

“For expanding the understanding of radiation belt electron precipitation, its implications to the ionosphere and middle atmosphere, and the application of basic research to mitigate space weather impacts”

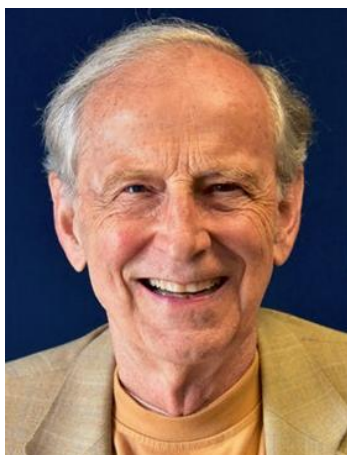
Appleton Prize



Anthea J. Coster
MIT Haystack Observatory, United States

“For pioneering research in GNSS science, developing techniques to provide global-scale view of storm responses in the ionosphere, operationalizing novel algorithms and providing novel ionospheric products to the community”.

Balthazar Van der Pol Gold Medal



Arthur D. Yaghjian
United States

“For fundamental contributions to electromagnetic theory and applied electromagnetics”

John Howard Dellinger Gold Medal



Nuno Borges de Carvalho
Universidade de Aveiro, Portugal

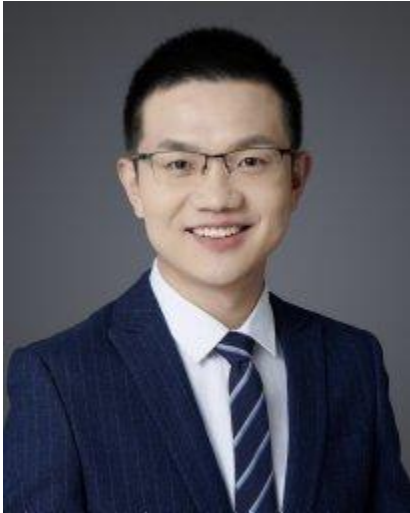
“For the development of SWIPT – Simultaneously wireless information and power transmission technology solutions”

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2026 URSI Early Career Awards

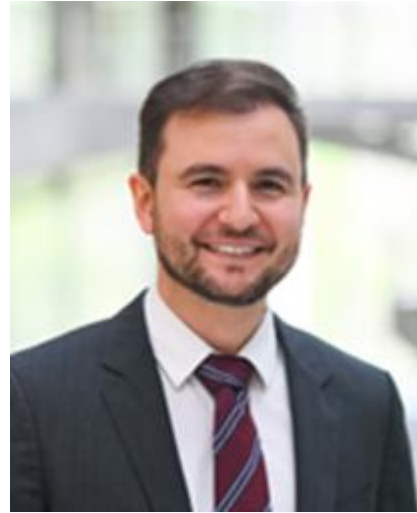
Issac Koga Gold Medal



Qingqing Wu
Shanghai Jiao Tong University, China CIE

“For groundbreaking contributions and outstanding leadership to intelligent surfaces and unmanned aerial vehicles air-ground network empowered communication and sensing”.

Santimay Basu Prize



Emanuele Galiffi
University of Texas at Austin, United States

“For contributions to the field of time-varying electromagnetic metamaterials, in particular macroscopic and microscopic theories. Demonstration and early applications of time-reflection and space-time modulation for energy and frequency manipulation”.

2026 URSI President’s Award

Asta Pellinen-Wannberg,
Umeå University and Swedish Institute of Space Physics, Sweden

“For her commitment to the inclusion of female scientists, her leadership in encouraging female researchers, and initiating and supporting the activities of Women in Radio Science”.



These awards will be presented during the Opening Ceremony of our URSI General Assembly in Krakow, Poland on 16 August 2026.

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URSI Flagship Meetings

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

The next URSI Flagship meeting is our XXXVIth General Assembly.

The conference will be held from 15 till 22 August 2026 in the ICE - International Congress Centre in Kraków, Poland.

The [preliminary technical programme is now online](#) and covers over 500 sessions spread over 13 rooms in the convention centre.

Prior to the GASS, on Saturday 15 August and Sunday 16 August, we also have several extra workshops and the URSI School for Radio Science. Details on the workshop and the School can be found below.

Saturday 15 August 2026, 10.00 am - 5.00 pm

IEEE AP/S TC3 Workshop on Propagation and Channel Modelling for Standardisation

For standardisation and regulation, propagation and channel models are key for the development of wireless standards. Organisations where channel modelling activities are carried out are ITU-R Study Group 3, with well recognized recommendations, used by regulators and industry worldwide, while 3GPP develops channel models that are the basis for the system selection in cellular systems. Corresponding activities are carried out at IEEE 802 for the development of WiFi. For the higher frequencies in the sub-THz frequency range both the ITU SG3, ETSI ISG THz and IEEE 802.15 SC THz are working towards channel models. In this workshop speakers, which are involved in these standardisation bodies will speak about these activities and will provide an overview of future requirement.

Sunday, 16 August 2026, 9.00 am - 2.40 pm

Precision Timekeeping, Atomic Frequency Standards, and Global Time Synchronization (Comm A Training workshop)

Conveners: Giovanna Signorile, Ekkehard Peik, Gaetano Mileti, Poonam Arora, Giulio Tagliaferro

Accurate and reliable timekeeping lies at the heart of modern science, technology, and infrastructure. In the domain of radio science, timekeeping and frequency control is needed for ionospheric studies, remote sensing, navigation, communication, and space exploration. This one-day tutorial will provide young students, experts and participants from various URSI Commissions with an integrated understanding of time and frequency concepts, atomic frequency standards, time dissemination methods, and international time synchronization practices based on Coordinated Universal Time (UTC).

Sunday, 16 August 2026, 9.00 am - 2.40 pm

Scaling and Interpreting Modern Ionograms (Comm G Training Workshop)

Conveners: Tobias Verhulst, Ivan Galkin, David Themens, Austin Egert

This is a practical course in scaling ionograms for both students and young scientists, as well as more established researchers who would like to gain experience in scaling, analyzing and interpreting ionograms from modern systems. The course will require students to have a laptop available with free scaling software installed prior to the class. Instructions for obtaining the software will be provided in advance.



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If you did not register yet, you can still do at the reduced early-bird registration deadline.

Check the [website](#) for all the latest information on the programme, the practical information on venue and accommodation and, last but not least on the social events.

As with all our URSI Flagship Meetings we run a Young Scientists Programme which resulted in 189 applications from 38 countries. 61 Awardees will attend and they will benefit from free registration, travel support and an invitation to the Young Scientist Party. We would like to express our sincere gratitude to the French and Japanese URSI Member Committees for their generous financial support of the Young Scientist Program.

The US National Committee also runs a Student Paper Competition at the GASS 2026. The finalists will soon be announced and will be invited to present their paper in a special session. At the GASS 2026 Gala Dinner, the winners will be announced.

We look forward to welcoming you in Kraków, Poland in 2026 for the XXXVIth URSI General Assembly and Scientific Symposium (URSI GASS 2026).



GASS 2026 - URSI Radio Science School for Young Scientists ***“Living in Complex Electromagnetic Environments: Integrated Sensing, Communications, and Electromagnetic Exposure”***

URSI GASS 2026, Krakow, Poland

COURSE ORGANIZERS:

- Francesca Apollonio (IT) – Chair Commission K
- Kumar Vijay Mishra (U.S.A.) – Chair Commission C

MOST RELEVANT SCIENTIFIC COMMISSIONS:

Next-generation radio-frequency (RF) systems are becoming adaptive, beam-steered, and spectrum-sharing platforms. These developments simultaneously raise three tightly connected scientific challenges: integrated sensing and communications (ISAC), spectrum coexistence and interference management, and Electromagnetic exposure and biological interaction. Understanding these issues requires cross-disciplinary radio science, linking:

- signal processing and system architectures (Commission C)
- exposure science and bioelectromagnetics (Commission K)
- electromagnetic field behavior and propagation (Commissions B/F/G)
- measurement and metrology (Commission A)
- electromagnetic environment and regulation (Commission E)

This school will provide young scientists with a fields-to-systems view of adaptive RF systems, connecting engineering design with exposure science and spectrum coexistence.



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COURSE OUTLINE:

Lecture 1: Foundations of Adaptive RF Systems [0800-1010 hrs]

Speaker: Kumar Vijay Mishra, United States DEVCOM Army Research Laboratory

Contents: This lecture introduces the need for multi-functional radio/wireless/sensing systems to mitigate or exploit RF interference, including

- Spectrum congestion and convergence of sensing and communications
- Introduction to Integrated Sensing and Communications (ISAC)
- Spectrum coexistence challenges
- Joint radar-communications architectures
- Dual-blind deconvolution and interference separation
- Automotive and vehicular ISAC
- Distributed ISAC
- AI/ML for ISAC
- Opportunistic sensing using communication signals

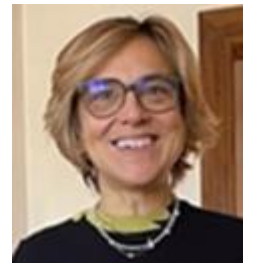


Lecture 2: From Electromagnetic Fields to Human Exposure: Modeling, Interaction and Assessment in Complex Wireless Systems [1030-1200 hrs]

Speaker: Micaela Liberti, Università Sapienza di Roma

Contents: To create a bridge between systems and EM fields, this module include:

- EM interaction mechanisms
- tissue properties
- SAR and exposure metrics
- dosimetry
- exposure modeling



Working Groups [1300-1440 hrs]

Theme: From Wireless Systems to Exposure Assessment

Instructors: Francesca Apollonio and Kumar Vijay Mishra

Each group analyzes a scenario:

- Automotive radar-communication system
- Multimodal (e.g., acoustic, vision, and RF) positioning, localization & tracking
- ISAC in aerial corridors
- Multimodal environmental sensing



Each group identifies:

- system characteristics
- EM field characteristics
- propagation environment
- exposure metrics

Each group will prepare a short 2–3 slide summary and present it during a brief plenary discussion.



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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.



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 – 25 August 2028. Make sure to mark the dates in your calendar.



XXXVIIth URSI General Assembly and Scientific Symposium (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 XXXVIIth GASS in Singapore from 11 till 18 August 2029.



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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 National Radio Science Committee (NRSC) of the Academy of Scientific Research and Technology (ASRT), and Horus University-Egypt (HUE) organised the [43rd National Radio Science Conference](#) from 5-7 May 2026.

The conference program consisted of invited sessions on selected topics, tutorials, and contributed sessions. The submitted papers described original work within the scope of URSI commissions A-K.



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 42 conferences held in Egypt. The NRSC offers support to young researchers, scientists and inventors.

A more extensive report will become available in the upcoming newsletters.

URSI Member Committee – France

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

At the time of writing this newsletter, our URSI Member Committee in France just hosted their yearly workshop on the topic *"Intelligent Tools and Methods for Radio Science"*.

A more extensive report will be published in our next Newsletter.



URSI France 2026 Opening speech and Welcome by Prof. Lluís Mir, CNRS UMR 8203 – Université de Paris-Saclay



Remittal of the CNFRS / URSI France award (Estaurié) by Peter Van Daele, URSI Secretary General to Prof. Michel Ney

(Communicated by Alain Sibille and Lluís 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. [Paper submission is now open.](#)

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
1845



(Communicated by Amitava Sen Gupta)

URSI Member Committee – Spain

XLI Spanish URSI Committee Symposium URSI'2026, 2-4 September 2026, La Laguna, Tenerife, Spain

The University of La Laguna invites you to the [41st edition of the International Union of Radio Science \(URSI\) National Symposium, URSI 2026](#), to be held in La Laguna, Tenerife, from 2 to 4 September 2026.



Since 1980, URSI has been the leading technical forum for researchers, companies and technologists in the ICT sector and the main annual event of the [Spanish National Committee of URSI](#). It brings together researchers, professionals and students from the field of Information and Communication Technologies every year to present their research and technological development work.

As well as being an excellent opportunity for early-career researchers, the conference serves as a platform for debate, the exchange of experiences and the exploration of collaboration opportunities between the various working groups active in ICT-related fields of engineering and the experimental sciences, and between these groups and industry.

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URSI Member Committee – United Kingdom

URSI UK Symposium 2026

The URSI UK Symposium 2026 was held at University of Birmingham on Monday 11 May 2026. The event took place in School of Engineering (Building Y3), University of Birmingham. It was 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. For more information about URSI UK, please visit <http://www.ursi.org.uk>.

A more extensive report is expected in one of the upcoming URSI Newsletters.

More information available on the [website](#).

(Communicated by Tian Hong Loh)



URSI UK Symposium 2026



University of Birmingham, Birmingham B15 2TT.
10 am – 5 pm on 11 May 2026

An event for early-career researchers

The URSI UK Symposium 2026 will be held at University of Birmingham on Monday 11 May 2026. The event will take place in School of Engineering (Building Y3), University of Birmingham. 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. For more information about URSI UK, please visit www.ursi.org.uk.

Contributions are invited on topics covered by any of the ten URSI commissions (<https://www.ursi.org/homepage.php>). Abstracts should be submitted on one side of A4 using Arial 11-point font in Word and PDF formats by email to Professor Oliver Allanson (o.j.allanson@bham.ac.uk), Professor Tian Hong Loh (tian.loh@npl.co.uk), and Professor Yang Hao (y.hao@qmul.ac.uk) by 12.00 noon on **Wednesday +6 22 April 2026**. Please include URSI-UK-Symposium-2026 in the subject heading of the email.

Papers will be refereed by the URSI UK Panel members and selected for oral or poster presentation. Acceptance of papers for oral or poster presentation is envisaged to be notified by around **Wednesday 22 29 April 2026**. Presentations will be 15 minutes in duration including 5 minutes for questions/discussion.

The registration fee is £50.00. The URSI UK Panel will award prizes for the best oral paper and best poster paper.

Please register latest by 15:00 on **Friday 4 Tuesday 5 May 2026** using this link:

<https://www.eventbrite.co.uk/e/ursi-uk-symposium-2026-tickets-1985131452613?aff=oddtcreator>

Meetings with financial support by URSI Commissions

17th International Symposium on Equatorial Aeronomy

The 17th International Symposium on Equatorial Aeronomy (ISEA17) took place in person from 9 to 13 February 2026, in Liberia, Costa Rica, at the Liberia Campus of Universidad de Costa Rica. ISEA symposia are traditionally held every 3–4 years in different countries.

The conference brought together experts from the fields of atmosphere, ionosphere and magnetosphere science, standing as the world's only event dedicated specifically to equatorial and low latitude aeronomy.

The workshop welcomed 89 participants from 17 countries. The program included 100 presentations, with 12 invited talks, organized into 63 oral and 37 poster presentations across the following sessions:

- **Global- and large-scale variability of low-latitude aeronomy** – convened by Nick Pedatella (UCAR, USA), Christine Amory-Mazaudier (LPP, France) and Babatunde Rabiou (AUST, Nigeria).
- **Equatorial E- and F-region irregularities: Causes and Effects**– convened by S. Tulasi Ram (IIG, India), Astrid Maute (IAP, Germany), and Tatsuhiro Yokoyama (Kyoto University, Japan).
- **Atmosphere-ionosphere-magnetosphere coupling at low** – convened by Deepak Karan (LASP, USA), Elvira Astafyeva (IPGP, France), and Duggirala Pallamraju (PRL, India).
- **Recent advances in instrumentation and observation** – convened by Anastasia Newheart (Orion Space Solutions, USA), Guozhu Li (IGG, China), and Marco Milla (PUCP, Peru)
- **Future trends, opportunities and challenges** – convened by Claire Gasque (UC Berkeley, USA), Jorge L. Chau (IAP, Germany), and Fabiano Rodrigues (UT Dallas, USA)
- **Discussion Session: Space traffic and sustainability** by Claudia Stolle (IAP, Germany), Jeffrey Klenzing (University of Maryland, USA).

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More details about ISEA17, including the program and abstracts, are available at <http://www.iap-kborn.de/isea17>.

Thanks to generous support from the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) program "Predictability of Variable Solar-Terrestrial Coupling" (PRESTO), the International Union of Geodesy and Geophysics (IUGG), the International Union of Radio Science (URSI), the Committee on Space Research (COSPAR), the The Abdus Salam International Centre for Theoretical Physics (ICTP), the US National Science Foundation (NSF) and the IAP, 35 participants received financial assistance to attend ISEA17.

(Communicated by Claudia Stolle and Jorge L. Chau)



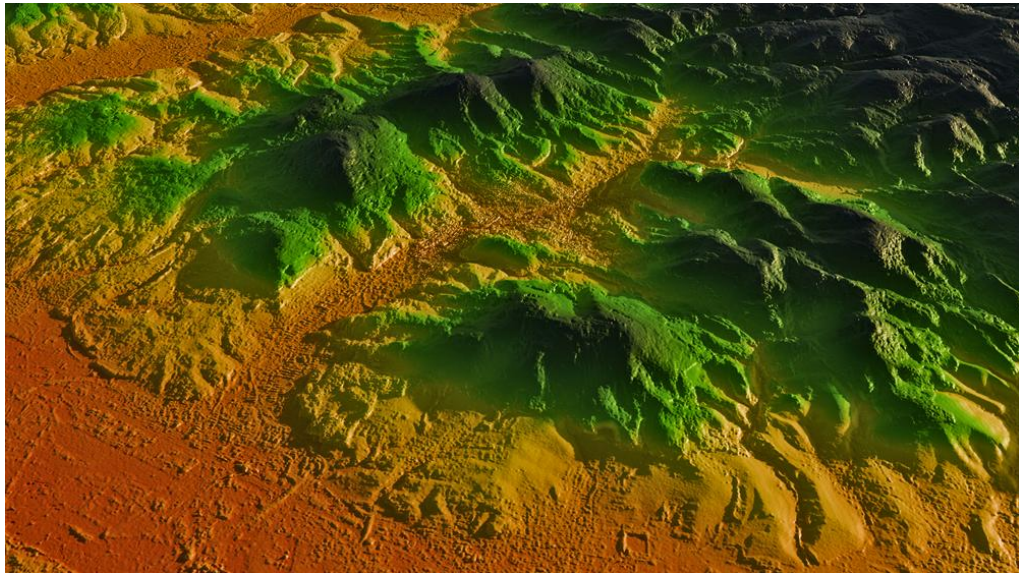
ISEA17 group picture in front of the main venue i.e., Auditorium at Liberia UCR campus.

16th European Conference on Synthetic Aperture Radar 2026

8-11 June 2026, Baden-Baden, Germany

It is our great pleasure to welcome you to the next edition of the European Conference on Synthetic Aperture Radar (EUSAR 2026) which will take place in the beautiful city of Baden-Baden, Germany. This special edition marks the 30th anniversary of EUSAR, celebrating three decades of cutting-edge SAR research, technology, and applications.

Since the first event in 1996, EUSAR has become an important international platform for advancing Synthetic Aperture Radar



EUSAR 2026 Baden-Baden SAR Image

(SAR) techniques, concepts and technologies for various domains like science, climate research, commercial services and security. The SAR community provided in this time unique datasets like for example global elevation models or valuable time series data, allowing to assess environmental changes on a global scale, all of them supported by sophisticated technological developments.

EUSAR has played a key role as the worldwide exchange platform for an ingenious community creating tight bonds between the manifold SAR enthusiasts. In 2026 the EUSAR conference will continue this tradition, bringing together experts from academia, industry, and government, from service providers, system developers and users to discuss the latest developments and future needs in SAR imaging, signal processing, applications, and emerging technologies.

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Join us in the spa town of Baden-Baden for an inspiring program of tutorials, keynote speeches, technical sessions and an industrial exhibition showcasing the latest SAR innovations. As we celebrate 30 years of EUSAR, we also look ahead to the future of SAR technology and its impact on Earth observation, security, and scientific exploration. The conference center is located directly in the heart of the city within walking distance to the old town and key landmarks like the Kurhaus, the Frieder Burda Museum, castles and many other cultural attractions. The city, as a gate to the Black Forrest, started with its fascinating history during ancient Roman settlement. It developed over the centuries the European capital of the art of living and will offer a special environment for the EUSAR 2026.

Stay tuned for [further details on submission deadlines, keynote speakers, and registration.](#)

Summer School: Microwaves and mm-waves for the Design of Advanced Wireless Links: Communication, Sensing and Power Transfer (Microwaves Summer School 2026 Pisa)

15 - 20 June 2026, Pisa, Italy

The third edition of the Summer School “Microwaves and mm-Waves for the Design of Advanced Wireless Links: Communication, Sensing and Power Transfer”, organized by the Department of Information Engineering of the University of Pisa and INAF – Italian National Institute for Astrophysics, and co-sponsored by URSI, will take place in Pisa, Italy from June 15–20, 2026.

This intensive program (48 hours, English language, hybrid mode) provides a solid introduction to electromagnetics and wireless communications, covering antennas, microwave/mm-wave devices, satellite systems, 5G/6G, radar, and wireless power transfer.



Lecturers from academia (University of Pisa and University of Bologna), ICT industries and research centers, will focus on the design criteria, technical features, architectures and innovative aspects that are induced by the EM fundamentals into 5G mobile communications, wireless power transfer systems, V2X communications, satellite communication networks, non-terrestrial networks, microwave systems for aerospace, defense and radioastronomy.

On June 17th, the lectures will be given during the educational visit at the Radio Astronomical Station in Medicina (close to Bologna), which is managed by INAF. The attendees will have a guided tour of the exposition center and antenna site (the Northern Cross and the 32m-dish antennas). The bus transfer for the round trip to Medicina, as well as a class-building lunch, will be provided by the Summer School organizers.

Lessons will be held at the Department of Information Engineering, Via G. Caruso n. 16, Pisa. The program will be also activated in distance learning mode (TEAMS platform). Participants receive a Certificate of Attendance and can earn 6 ECTS (project work required).

More information on the [website](#).

The event is co-organized with the IEEE Student Branch University of Pisa, and sponsored by IEEE Italy Section, IEEE AP/ED/MTT North Italy Chapter, and IEEE ComSoc Italy Chapter.

**SUMMER SCHOOL ON:
MICROWAVES AND mm-WAVES FOR THE DESIGN OF
ADVANCED WIRELESS LINKS: COMMUNICATION,
SENSING AND POWER TRANSFER**

**JUNE 15-20, 2026
UNIVERSITY OF PISA, ITALY**

PROGRAM AND INFO:

THE SUMMER SCHOOL IS INTENDED FOR UNDERGRADUATE, GRADUATE, AND PHD STUDENTS, AS WELL AS PROFESSIONALS, IN ICT AND STEM FIELDS.

- TEACHING LANGUAGE: ENGLISH
- 48 H OF LESSONS WITH FACULTY MEMBERS AND INDUSTRY EXPERTS
- HYBRID MODE: ONLINE AND IN-PRESENCE CLASSES
- PARTICIPANTS RECEIVE A CERTIFICATE OF ATTENDANCE
- 6 ECTS GRANTED (REQUIRE PROJECT WORK DUE ON AUGUST 30, 2026)
- MAX 50 PARTICIPANTS

FEES

- SUBSCRIPTION FEE: 250 €
- UP TO FOUR TUITION-FEE WAIVERS ARE AVAILABLE FOR INTERNATIONAL STUDENTS, WITH PRIORITY GIVEN TO WOMEN AND STUDENTS WITH SPECIAL NEEDS FROM DEVELOPING COUNTRIES.

IMPORTANT DATES

- APRIL 1, 2026: APPLICATION DEADLINE FOR TUITION-FEE WAIVERS
- APRIL 14, 2026: TUITION-FREE WAIVERS ANNOUNCEMENT
- APRIL 30, 2026: GENERAL APPLICATION DEADLINE FOR ALL CANDIDATES
- MAY 15, 2026: TUITION-FEE PAYMENT DEADLINE
- JUNE 15-20, 2026: SUMMER SCHOOL

MORE INFO [HERE \(WEBSITE\)](#)

ORGANIZERS: UNIVERSITY OF PISA, INAF, DEPARTMENT OF INFORMATION ENGINEERING, IEEE STUDENTS

SUPPORTED BY: IEEE AP-S, IEEE ED, IEEE MTT-N, IEEE URSI, IEEE ITALY SECTION

CONTACTS: PAOLO NEPA, UNIVERSITY OF PISA, ITALY; PIETRO BOLLI, INAF ARCetri ASTROPHYSICAL OBSERVATORY, FLORENCE, ITALY; MARIA MARINELLI, ADMINISTRATIVE STAFF, UNIVERSITY OF PISA, ITALY

SUMMER/WINTER SCHOOL OFFICE: SUPPORT@SUMMERSCHOOL@UNIPIT

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12th VERSIM Workshop (VLF-ELF Remote Sensing of the Ionosphere and the Magnetosphere)

7 – 11 September 2026, Sopron, Hungary



The working group on VLF/ELF Remote Sensing of the Ionosphere and Magnetosphere (VERSIM) is an international group of scientists interested in studying the behaviour of the magnetosphere and ionosphere by means of ELF (300 Hz - 3 kHz) and VLF (3-30 kHz) radio waves, both naturally and artificially generated.

The group was set up in 1975 by IAGA (International Association of Geomagnetism and Aeronomy) and URSI (International Union of Radio Science), as described in the working group history. Originally the emphasis was on probing of the magnetosphere by whistlers, but later the scope became somewhat broader.

The group aims to promote research in this field by facilitating the exchange of ideas, information and experience between active research workers and other interested scientists. This is done through regular meetings at IAGA and URSI Assemblies, a regular VERSIM community workshop, and via the circulation of a newsletter. The group has also been active in sponsoring scientific symposia at IAGA and URSI Assemblies, in areas relevant to its field of interest, and in coordinating observational campaigns.

At present the main subjects of interest include Plasma structures and boundaries - morphology and dynamics, Wave-particle and wave-wave interactions, Wave-induced particle precipitation, Wave propagation in magnetosphere and ionosphere, Sprites and the effects of lightning on the ionosphere.

There are currently over 100 scientists from about 26 different countries on the VERSIM mailing list.

Check the [VERSIM website](#) for updates and practical information about the upcoming meeting.

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 URSI GASS 2026, Krakow, Poland

At the occasion of our URSI GASS 2026 in Krakow, Poland, a WIRS session will be held on 18 August 2026 from 15:50 to 17:40, organized by the URSI WIRS Committee. The event is open to all attendees who wish to support and celebrate the contributions of women in the field. During the session, four national URSI committees—Italy, Spain, China, and Sweden—will give talks, and the Italian WIRS chapter will present a webinar dedicated to the International Day of Women and Girls in Science.

The session will be followed by a WIRS Reception starting at 19:30. This networking event offers a relaxed environment to meet potential research partners and colleagues from around the world, providing a unique opportunity to hear from established leaders in radio science about their professional journeys.

Please indicate during [registration for URSI GASS 2026](#) if you will attend the WIRS session/reception.

Make sure to follow URSI on social media:

