URSI GASS 2023

Sponsorship Prospectus

URSI GASS 2023 International Advisory Board URSI GASS 2023 Organizing Committee



Message from URSI GASS 2023 Chair and Co-Chairs

On behalf of the Organizing Committees of the XXXVth URSI General Assembly and Scientific Symposium (URSI GASS 2023), we cordially invite you to participate in the conference as a financial sponsor or exhibitor.

The URSI General Assembly and Scientific Symposium (URSI GASS), formerly called URSI General Assembly (URSI GA), is a top-tier international conference held every three years since 1919 and is organized by the International Union of Radio Science (URSI). It aims to review current research trends, present new results and discoveries, and make plans for future research and special projects in all areas of radio science, especially where international cooperation is desirable. The URSI GA was held twice in Japan; the first was the 14th GA held in Tokyo in 1963 and the second was the 24th GA held in Kyoto in 1993, both of which led to a great success. The URSI GASS 2023, the third one in Japan, is planned to be held in Sapporo, Japan during August 19–26, 2023. The conference is expected to attract more than 1,200 radio scientists and engineers from around the world (500 domestic and 700 international).

The development of radio science plays an extremely important role in supporting today's ICT society toward Society 5.0 (Japan's new blueprint for a super-smart society) through the use of advanced wireless communication technology. It also significantly contributes to achieving the Sustainable Development Goals (SDGs) from the perspective of using radio waves to monitor the global environment (climate, ocean, land) and to promote disaster risk management. In the conference, state-of-the-art research results in this field will be presented and discussed by prominent scientists and engineers as well as by young researchers including students, which will lead to the significant advance of radio science research worldwide.

We would greatly appreciate it if you could provide us with kind support and cooperation in line with the objective and significance of the conference. We are certain that, as a sponsor, you will gain greater visibility among the world's top researchers and practitioners within the field of radio science. If you have any questions or suggestions for the conference sponsorship, please feel free to contact us.

We very much look forward to seeing you in Sapporo, Japan in August 2023!

XXXVth URSI General Assembly and Scientific Symposium (URSI GASS 2023)

Kazuya Kobayashi General Chair URSI GASS 2023



Satoshi Yagitani General Co-Chair URSI GASS 2023



Masanori Koshiba Chair URSI GASS 2023 Organizing Committee



1. Name of the Congress

XXXVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS 2023)

2. Host

Japan National Committee of URSI (JNC-URSI)

3. Sponsor and Co-sponsors

- Sponsored by: The Institute of Electronics, Information and Communication Engineers (IEICE)
- Co-sponsored by: Science Council of Japan (SCJ); International Union of Radio Science (URSI)

4. Technical Co-sponsoring, Cooperating, and Supporting Organizations

- Technically Co-sponsored by: IEEE Antennas and Propagation Society (IEEE AP-S)

- In Cooperation with: Japan Geoscience Union; Society of Atmospheric Electricity of Japan; The Astronomical Society of Japan; Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS); The Laser Society of Japan; The Remote Sensing Society of Japan; The Institute of Electrical Engineers of Japan; Foundation for Promotion of Electrical, Electronic and Information Engineering

- **Supported by:** Ministry of Internal Affairs and Communications; Ministry of Land, Infrastructure, Transport and Tourism; Ministry of Education, Culture, Sports, Science and Technology; Ministry of Economy, Trade and Industry; Japan Tourism Agency; Japan National Tourism Organization; Hokkaido Prefectural Government; Sapporo City Government; Hokkaido Board of Education; Sapporo City Board of Education; Sapporo Convention Bureau; Hokkaido University; Hokkaido Information University; Kitami Institute of Technology; Muroran Institute of Technology

5. Dates

August 19 - 26, 2023 (8 days)

6. Venues

- Sapporo Convention Center (1-1-1 Higashi Sapporo 6-jo, Sapporo 003-0006, Japan)
- Sapporo Business Innovation Center (1-1-1, Higashi Sapporo 5-jo Shiroishi-ku, Sapporo 003-0005, Japan)

7. Participants

1,200 participants (domestic: 500 participants / overseas: 700 participants)

8. Official Website

https://www.ursi-gass2023.jp/

9. International Advisory Board

Chair

Kazuya Kobayashi

Professor, Chuo University, Japan

URSI Vice-President

URSI Assistant Secretary-General AP-RASC

Immediate Past Chair, URSI Commission B

Vice-President, URSI Member Committee Japan

Co-Chairs

Ruey-Beei Wu

Professor, National Taiwan University, Taiwan President, URSI Member Committee China (SRS)

Giuliano Manara

Professor, University of Pisa, Italy

URSI Vice-President

Secretary, URSI Member Committee Italy

Amitava Sen Gupta

Professor, The Northcap University, India

Vice-Chair, URSI Commission A

General Secretary, Indian Radio Science Society (InRaSS)

Jozef Modelski

Professor, Warsaw University of Technology, Poland

President, URSI Member Committee Poland

Members

Paul Smith

Professor, Macquarie University, Australia

President, URSI Member Committee Australia

Karu Esselle

Distinguished Professor, University of Technology Sydney (UTS), Australia

David Michelson

Professor, The University of British Columbia, Canada

President, URSI Member Committee Canada

Hsi-Tseng Chou

Distinguished Professor, National Taiwan University, Taiwan Secretary, URSI Member Committee China (SRS)

Subra Ananthakrishnan

Professor, S. P. Pune University, India

URSI Past Vice-President

Past Chair, URSI Commission J

President, Indian Radio Science Society (InRaSS)

Carlo Carobbi

Professor, University of Florence, Italy Vice-Chair, URSI Commission E President, URSI Member Committee Italy

Satoshi Yagitani

Professor, Kanazawa University, Japan President, URSI Member Committee Japan

Yasuhide Hobara

Professor, The University of Electro-Communication, Japan Secretary, URSI Member Committee Japan

Iwona Stanislawska

Professor, Polish Academy of Sciences, Poland Past Chair, URSI Commission G

Jason Png Ching Eng

Director, Electronics & Photonics Department, A*Star Institute of High Performance Computing (IHPC), Singapore President, URSI Member Committee Singapore

Zaw Zaw Oo

Innovation Lead / Senior Scientist, A*STAR Institute of High Performance Computing (IHPC), Singapore Secretary, URSI Member Committee Singapore

Ozlem Ozgun

Professor, Hacettepe University, Turkey President, URSI Member Committee Turkey

Ayhan Altintas

Professor, Bilkent University, Turkey Immediate Past President, URSI Member Committee Turkey

Michael Newkirk

Professor, The John Hopkins University, USA President, URSI Member Committee USA

Sembiam Rengarajan

Professor, California State University, Northridge, USA Immediate Past President, URSI Member Committee USA

10.Organizing Committee

Chair

Masanori Koshiba

Professor Emeritus, Hokkaido University

Past President, The Institute of Electronics, Information and Communication Engineers

Past President, Electronics Society, The Institute of Electronics, Information and Communication Engineers

Member, Science Council of Japan

Member, Japan National Committee of URSI

Co-Chairs

Kazuya Kobayashi

Professor, Chuo University Vice-President, URSI Assistant Secretary-General AP-RASC, URSI Immediate Past Chair, URSI Commission B Member, Science Council of Japan Vice-President, Japan National Committee of URSI

Satoshi Yagitani

Professor, Kanazawa University

Member, Science Council of Japan

President, Japan National Committee of URSI

Secretary

Yasuhide Horaba

Professor, The University of Electro-Communications Associate Member, Science Council of Japan

Secretary, Japan National Committee of URSI

Members

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|--|---|---|----|----|---|----|---|
|--|---|---|----|----|---|----|---|

Professor Emeritus, Tokyo Institute of Technology Immediate Past President, URSI Past President, The Institute of Electronics, Information and Communication Engineers Past President, Electronics Society, The Institute of Electronics, Information and Communication Engineers Past President, IEEE Antennas and Propagation Society Past Chair, URSI Commission B Member, Science Council of Japan Member, Japan National Committee of URSI

Toshitaka Tsuda

Guest Professor, Waseda University

Past President, The Institute of Electronics, Information and Communication Engineers Member, Science Council of Japan Member, Japan National Committee of URSI

Susumu Yoshida

Professor Emeritus, Kyoto University

Past President, The Institute of Electronics, Information and Communication Engineers Past President, Communications Society, The Institute of Electronics, Information and Communication Engineers Council Member, Section III, Science Council of Japan (22nd and 23rd Terms)

Hiroshi Matsumoto

Director, International Institute for Advanced Studies Immediate Past President, RIKEN Professor Emeritus, Kyoto University Past President, Kyoto University Past President, URSI Emeritus President, Space Solar Power Systems Society Past President, Society of Geomagnetism and Earth, Planetary and Space Sciences Member, Science Council of Japan (20th and 21st Terms) Past President, Japan National Committee of URSI

Toru Ishida

Professor Emeritus, Kyoto University
Immediate Past President, The Institute of Electronics, Information and Communication Engineers
Past President, Information and Systems Society, The Institute of Electronics, Information and Communication Engineers
Council Member, Section III, Science Council of Japan (22nd and 23rd Terms)

Shigeo Tujii

Professor, Research and Development Initiative, Chuo University First Director, Research and Development Initiative, Chuo University Professor Emeritus, Tokyo Institute of Technology Professor Emeritus / First President, Institute of Information Security Past President, The Institute of Electronics, Information and Communication Engineers Council Member, Section V, Science Council of Japan (19th Term)

Hiroshi Takahashi

Professor, Sophia University

Immediate Past President, Electronics Society, The Institute of Electronics, Information and Communication Engineers

Kazuo Hotate

President / Professor, Toyota Technological Institute Professor Emeritus, The University of Tokyo Past President, The Japan Society of Applied Physics Past President, Electronics Society, The Institute of Electronics, Information and Communication Engineers Member, Science Council of Japan Council Member, Section III, Science Council of Japan (22nd and 23rd Terms) Member, Japan National Committee of URSI

Seiichi Sampei

Professor, Osaka University Council Member, Section III, Science Council of Japan Member, Japan National Committee of URSI

Yoshiaki Nakano

Professor, The University of Tokyo Council Member, Section III, Science Council of Japan Member, Japan National Committee of URSI

Members

Takuji Nakamura

Director-General / Professor, National Institute of Polar Research Council Member, Section III, Science Council of Japan Member, Japan National Committee of URSI

Yasuhiko Arakawa

Specially Appointed Professor, The University of Tokyo Past President, International Commission for Optics Member, Science Council of Japan Council Member, Section III, Science Council of Japan (21st and 22nd Terms) Chairperson, Section III, Science Council of Japan (22nd Term) President, ICO Committee, Science Council of Japan Member, Japan National Committee of URSI

Kiyomichi Araki

Professor Emeritus, Tokyo Institute of Technology Past President, Electronics Society, The Institute of Electronics, Information and Communication Engineers Member, Science Council of Japan Member, Japan National Committee of URSI

Toru Kuroda

Member, Science Council of Japan Member, Japan National Committee of URSI

Michiko Kuroda

Professor Emeritus, Tokyo University of Technology Member, Science Council of Japan Member, Japan National Committee of URSI

Ryuji Kohno

Vice-President, YRP International Alliance Institute Professor Emeritus, Yokohama National University Member, Science Council of Japan Member, Japan National Committee of URSI

Yasuo Kokubun

President and Professor, Institute of Technologists Professor Emeritus, Yokohama National University Professor Emeritus, Chubu University Member, Science Council of Japan Member, Japan National Committee of URSI

Toru Sato

Professor, Kyoto University Member, Science Council of Japan Member, Japan National Committee of URSI

Hiroko Shinnaga

Associate Professor, Kagoshima University Member, Science Council of Japan Member, Japan National Committee of URSI

Masakazu Sengoku

Professor Emeritus, Niigata University President / Professor, Graduate Institute for Entrepreneurial Studies Member, Science Council of Japan Member, Japan National Committee of URSI

Toshitaka Tsuda

Professor Emeritus, Kyoto University Specially Appointed Professor, Research Institute for Sustainable Humanosphere, Kyoto University Past President, Japan Geoscience Union Past President, Society of Geomagnetism and Earth, Planetary and Space Sciences Member, Science Council of Japan Member, Japan National Committee of URSI

Masato Nakamura

Professor, Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency Past President, Society of Geomagnetism and Earth, Planetary and Space Sciences Member, Science Council of Japan Member, Japan National Committee of URSI

Kaori Fukunaga

Director General, Applied Electromagnetic Research Center, Radio Research Institute, National Institute of Information and Communications Technology Member, Science Council of Japan Member, Japan National Committee of URSI

Kenta Fujisawa

Director / Professor, Research Institute for Time Studies, Yamaguchi University Member, Science Council of Japan Member, Japan National Committee of URSI

Members

Hiroyuki Morikawa

Professor, The University of Tokyo Member, Science Council of Japan Council Member, Section III, Science Council of Japan (22nd and 23rd Terms) Member, Japan National Committee of URSI

Koichi Ito

Professor Emeritus / Visiting Professor, Chiba University Past President, IEEE Antennas and Propagation Society Chair, URSI Commission K Associate Member, Science Council of Japan Member, Japan National Committee of URSI

Yasuhiro Koyama

Director of Planning Office, Wireless Networks Research Center, Network Research Institute, National Institute of Information and Communications Technology Immediate Past Chair, URSI Commission A Associate Member, Science Council of Japan Member, Japan National Committee of URSI

Naoki Shinohara

Professor, Kyoto University President, Space Solar Power Systems Society Chair, URSI Commission D Associate Member, Science Council of Japan Member, Japan National Committee of URSI Chair, Commission D, Japan National Committee of URSI

Atsushi Kanno

Professor, Nagoya Institute of Technology Vice-Chair, URSI Commission D Member, Japan National Committee of URSI

Motoyuki Sato

Professor, Tohoku University Vice-Chair, URSI Commission F Member, Japan National Committee of URSI Chair, Commission F, Japan National Committee of URSI

Shoogo Ueno

Professor Emeritus, The University of Tokyo Past President, Japan Biomagnetism and Bioelectromagnetics Society Past President, The Magnetics Society of Japan Past President, Japanese Society for Medical and Biological Engineering Past Chair, URSI Commission K

Yoshiharu Omura

Professor, Kyoto University Immediate Past President, Society of Geomagnetism and Earth, Planetary and Space Sciences Past Chair, URSI Commission H Member, Japan National Committee of URSI Past Assistant Secretary, Japan National Committee of URSI

Masao Taki

Senior Researcher, Electromagnetic Compatibility Laboratory, Electromagnetic Standards Research Center, Radio Research Institute, National Institute of Information and Communications Technology
Special Lead Professor / Professor Emeritus, Tokyo Metropolitan University
Advisor, Space Solar Power Systems Society
Past Chair, URSI Commission K
Member, Japan National Committee of URSI
Past Assistant Secretary, Japan National Committee of URSI

Masashi Hayakawa

Professor Emeritus, The University of Electro-Communications CEO, Hayakawa Institute of Seismo Electromagnetics Co. Ltd. Past Chair, URSI Commission E Past President, Society of Atmospheric Electricity of Japan Past President, Earthquake Prediction Society of Japan

Kiyohiro Houkin

Professor Emeritus, Hokkaido University President, Hokkaido University

1. Sponsorship Packages

Sponsorship Packages



Type A: booth for Platinum and Gold

Type B: booth for Silver

• Please let us know if you do not need an exhibition booth (Package fees remain the same.)

Sponsorship Packages

| | | Platinum | Gold | Silver |
|----------------|---|------------------|----------------|-----------------|
| items | details | ¥1,000,000 ×3 | ¥600,000 ×5 | ¥300,000 ×10 |
| Exhibition | Туре А | 2 | 1 | |
| Exhibition | Туре В | | | 1 |
| Logo | Name tag | 1 | | |
| | Informational sign in the onsite venue | 1 | 1 | |
| | Sponsor board (Photo space) | 1 | 1 | 1 |
| Banner Ad | URSI GASS 2023 official website | 1 | 1 | 1 |
| Advertisement | Abstract book | 1 | 1 | |
| | Slide or CM (movie) between sessions (Video slide, 1 min. per frame) | 1 | | |
| | Digital signage advertising (Showing duration: 1 min. looping.) | 1 | | |
| Other Benefits | Free admission to the conference | 3 | 2 | 1 |

Sponsorship Booth Locations



(1) Application

Please fill out the Application Form for Sponsorship (Form A) and send it by email or fax. Invoice for payment will be issued after receipt of your application.

<Applications & Inquiries>
Secretariat of URSI GASS 2023 (c/o Convention Linkage Co., Ltd.)
Sapporo Tokeidai Bldg., 2-1 Kita 1-Jo Nishi, Chuo-ku, Sapporo, Hokkaido, 060-0001, Japan
E-mail: sp_gass2023@c-linkage.co.jp

(2) Application deadline: Wednesday, May 17, 2023

(3) Notifications:

•Cancellations will not be accepted after application.

•Please select a representative if you are applying for a joint sponsorship with group companies, organizations, or affiliated companies.

(4) Cancellation of participation for uncontrollable or unforeseeable reasons:

•The organizer(s) reserves the right to cancel the event, shorten the event period or time, or postpone the event before or during the event period if conditions are so that it becomes extraordinarily difficult to hold the event caused, directly or indirectly, by a force majeure event, such as a natural disaster, spread of infectious disease, acts of terrorism, at the request of the national government or government agencies, or any other such similar cause that is beyond the reasonable control of the organizer(s). In this case, the organizer(s) will notify sponsors immediately after a decision has been reached.

The organizer(s) will not be liable for any damages incurred as a result of this decision or its execution.

• If the event is cancelled due to force majeure prior to the event, the organizer(s) will refund the balance of the sponsorship fee after deducting expenses for costs already incurred.

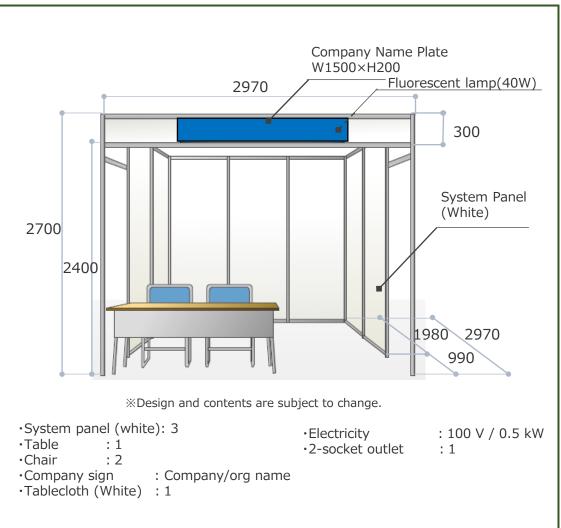
• Sponsorship fees will not be refunded if the period or time of the event is shortened due to a force majeure that occurs during the event period. Sponsors will also not be compensated by the organizer(s) for any expenses incurred.

2. Exhibition Booth

Exhibition Booth Application Guidelines (Type A)

(1) Exhibition fee (Type A) $\frac{200,000/booth}{100}$

(2) Specifications for basic booth plan



* The location of the exhibition booths will be decided by the organizers after the application deadline.

* Additional charges apply for special decor/embellishments, electrical wiring, etc.

Please contact the Secretariat for more details.

*If you apply for several booths, the layout will be different from the left image.
*If you need to use more power than 100 V / 0.5 kW, you are required to apply for the optional fee-based items.

Exhibition Booth Application Guidelines (Type B)

(1) Exhibition fee (Type B) $\frac{100,000/booth}{100}$

(2) Specifications for basic booth plan

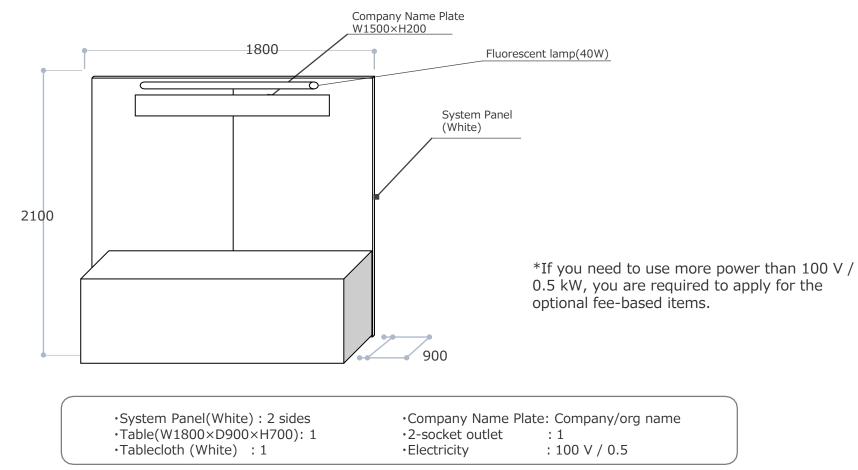
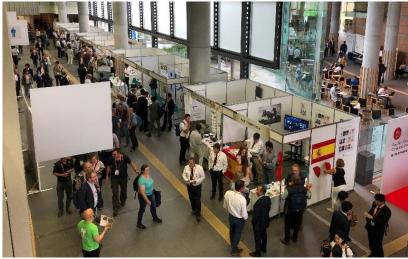


Image of Booth Area

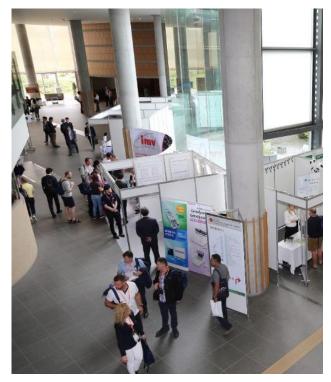
Platinum (Main Entrance)



Gold (In front of Main Hall)



Silver (Around Welcome Court)



(1) Application

Please fill out the Application Form for Sponsorship (Form B) and send it by email or fax. Invoice for payment will be issued after receipt of your application.

<Applications & Inquiries> Secretariat of URSI GASS 2023 (c/o Convention Linkage Co., Ltd.) Sapporo Tokeidai Bldg., 2-1 Kita 1-Jo Nishi, Chuo-ku, Sapporo, Hokkaido, 060-0001, Japan E-mail: <u>sp_gass2023@c-linkage.co.jp</u>

(2) Application deadline: Wednesday, May 17, 2023

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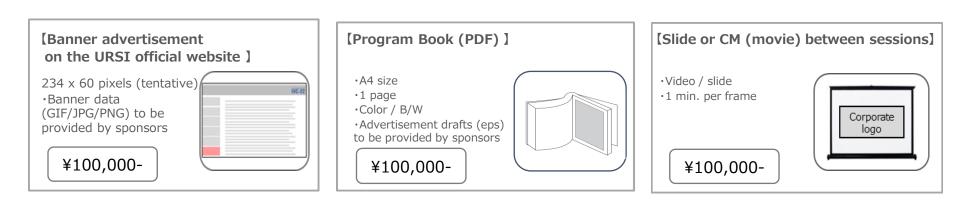
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The organizer(s) will not be liable for any damages incurred as a result of this decision or its execution.

• If the event is cancelled due to force majeure prior to the event, the organizer(s) will refund the balance of the sponsorship fee after deducting expenses for costs already incurred.

•Sponsorship fees will not be refunded if the period or time of the event is shortened due to a force majeure that occurs during the event period. Sponsors will also not be compensated by the organizer(s) for any expenses incurred.

3. Sponsorship Items





URSI General Assembly and Scientific Symposium (URSI GASS 2023) Application for Sponsorship Form A

| Application for sponsorship as follows. Application date: YY/ MM/ DD | | | Application deadline: May 17 (Wed), 2023 | | | |
|---|---|----------------------------------|---|----------|--|--|
| Company name *Company r | name to be listed on printed matter and official website. | | | | | |
| Company name in English | | | Check (^{III}) your preferred sponsorship package 1. Application for Sponsorship Packages | | | |
| Address | | Go | Platinum Gold Silver | | ¥1,000,000 (incl. tax) ¥600,000 (incl. tax) ¥300,000 (incl. tax) | |
| Name of Representative (Person in charge): | Title/Department: | | | | | |
| Name of contact person: | Signature: Title/Department: | | 2. Application for Sponsor Items Please fill in the following table. | | | |
| | Signature | Item No. | Item Name | Quantity | Item Price (incl. tax) | |
| Tel | Fax |] | | | | |
| E-mail | | 1 | | | | |
| Company URL ** URL to be li | sted on printed materials and official website. | 1 | | | | |
| https:// | | Total (incl. tax) ¥ | | | | |
| The location of exhibition booths will be determined by the Secretariat based on the order of applications. Please note that cancellations will not be accepted after this application. In case of cancellation, sponsors will be required to pay the full sponsorship fee. Invoice for payment will be issued after receipt of this application. Contents are subject to change without notice. Please contact the Secretariat of URSI GASS 2023 for confirmation and questions. | | (c/o Conv Sapporo Sapporo, | ■ Applications & Inquiries ■ Secretariat of URSI GASS 2023 (c/o Convention Linkage Co., Ltd.) Sapporo Tokeidai Bldg., 2-1 Kita 1-Jo Nishi, Chuo-ku, Sapporo, Hokkaido, 060-0001, Japan E-mail: sp_gass2023@c-linkage.co.jp | | | |

URSI General Assembly and Scientific Symposium (URSI GASS 2023) Application for Exhibition Booth Form B

| Application for sponsorship as follows. Application date: $_{YY/}$ MM/ $_{DD}$ | | | Application deadline: May 17 (Wed), 2023 | | | |
|--|---|--|---|----------|------------------------|--|
| Company name «Company I | name to be listed on printed matter and official website. | | | | | |
| Company name in English | | Check (☑) your preferred sponsorship package 1. Application for Exhibition Booth | | | | |
| Address | | | □ Type A booth ¥200,000 × booth □ Type B booth ¥100,000 × booth | | | |
| Name of Representative (Person in charge): | Title/Department: | 1 | | | | |
| | Signature: | 2. Application for Sponsor Items Please fill in the following table. | | | ems | |
| Name of contact person: | Title/Department: Signature | Item No. | Item Name | Quantity | Item Price (incl. tax) | |
| Tel | Fax | 1 | | | | |
| E-mail | | | | | | |
| Company URL ** URL to be I | isted on printed materials and official website. | ┨└───── | | | | |
| https:// | | | Total (incl. | tax) ¥ | | |
| * The location of exhibition booths will be determined by the Secretariat based on the order of | | ■ Applications & Inquiries ■ | | | | |
| A relevant of exhibition boots will be determined by the Secretariat based of the order of applications. Please note that cancellations will not be accepted after this application. In case of cancellation, sponsors will be required to pay the full sponsorship fee. Invoice for payment will be issued after receipt of this application. Contents are subject to change without notice. Please contact the Secretariat of URSI GASS 2023 for confirmation and questions. | | (c/o Conve Sapporo To Sapporo, H | Secretariat of URSI GASS 2023 (c/o Convention Linkage Co., Ltd.) Sapporo Tokeidai Bldg., 2-1 Kita 1-Jo Nishi, Chuo-ku, Sapporo, Hokkaido, 060-0001, Japan E-mail: sp_gass2023@c-linkage.co.jp | | | |