



ICRERA 2024

13TH INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH
AND APPLICATIONS

Official Partner & Exhibition Plan

2024/11/9 Sat. ~ 2024/11/13 Wed.
Dejima Messe, Nagasaki, Japan

<https://www.icrera.org>

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1 About ICRERA2024

2024/11/9 ~ 2024/11/13, Nagasaki, Japan



Venue: Dejima Messe Nagasaki in Nagasaki, Japan
Address: 4-1, Onoue-machi, Nagasaki City,
Nagasaki Prefecture, Japan



Summary

International Conference on Renewable Energy Research and Application (ICRERA) is one of the high quality conferences in its field and has been organized by IJER with the technical co-sponsorship of the IEEE IES and IAS since 2012. Every year we have received around 500 submissions. Its acceptance rate is 50 ~ 60%. We used to have 5 or 6 parallel sessions along with the 2 poster sessions and 4 or 5 keynote speakers. In addition we opened 5 or 6 tutorials just one day before the opening ceremony.

Keynote speakers;

- 1-) Swiss Federal Institute of Technology(ETH), Professor Dr. Johann Walter Kolar
- 2-) Mr. Masayuki Tobita, Vice President of TMEIC, Japan
- 3-) Professor Dr. Kan Akatsu, Yokohama National University, Japan
- 4-) Professor Dr. Huang-Jen Chiu, National Taiwan University of Science and Technology, Taipei
- 5-) Dr. Hitoshi Hayashiya, East Japan Railway Company, Japan

Tutorial Organizers ;

- 1-) Professor Hirofumi Akagi, Tokyo Institute of Technology, Tokyo, Japan
 - 2-) Professor Kiyoshi Ohishi, Nagaoka University of Technology, Niigata, Japan
 - 3-) Professor Kazuto Yukita, Aichi Institute of Technology, Aichi, Japan
 - 4-) Professor Adel Nasiri, University of South Carolina, USA
- some-

The purpose of the International Conference on Renewable Energy Research and Applications (ICRERA) 2024 is to bring together researchers, engineers, manufacturers, practitioners and customers from all over the world to share and discuss advances and developments in renewable energy research and applications.

After the successes of the first, the second, the third, the fourth, the fifth, the sixth, the seventh, the eighth, the ninth, the tenth, and the eleventh editions of ICRERA in Nagasaki (2012), Madrid (2013), Milwaukee (2014), Palermo (2015), Birmingham (2016), San Diego (2017), Paris (2018), Brasov (2019), Glasgow (2020), Istanbul(2021), Istanbul(2022), Oshawa(2023) the 13th ICRERA 2024 is going to be organized by the technical co-sponsorship of IEEE IES and IAS in Oshawa, Canada on August 29 – September 1, 2023. Attending ICRERA 2023 will benefit you to meet well-known expert keynote speakers, tutorial organizers, special session organizers as well as young and many other colleagues coming from more than 60 countries.

It is our happiness to share with you that selected 100 papers at ICRERA2023 have been proposed for possible publications in

IEEE Transactions on Industrial Applications (15 papers) cited in SCI-Expanded,

International Journal of Renewable Energy Research (15 Papers) cited in ESCI,

International Journal of Smart Grid (20 papers) cited in Google Scholar,

International Journal of Engineering Science and Applications (14 papers), and

Electric Power Components and Systems (36 papers) cited in SCI-Expanded.

Up to 2024, all papers presented ICRERA have been cited in IEEE Xplore, SCOPUS and Web of Science (Clarivate Analytics).

According to WEB of Science (Clarivate Analytics) in 2024;

h-index = 24

Average citation per item = 4.3

5 Years Impact Factor = 12.35

ICRERA aims to present important results to the international renewable energy community in the form of research, development, applications, design, and technology. It is therefore intended to assist researchers, scientists, manufacturers, companies, communities, agencies, associations and societies to keep abreast on new developments in their specialties and to unite in finding alternative energy solutions to current issues such as the greenhouse effect, sustainable and clean energy issues.

On behalf of the organizing committee of ICRERA 2024, we would like to kindly invite to attend ICRERA 2024 by submitting papers, opening special session and giving tutorials.

Please visit the www.icrera.org for more information.

We are looking forward to meeting you at ICRERA 2024 in Nagasaki, Japan.

Organizations

Technical Co-Sponsors



ijSmartGrid
www.ijsmartgrid.org



Mr. Yoshinobu Higashi, Honorary Chair, ICRERA, Former Japan Ambassador to Romania		
Mr. Hidehiko Kikuchi, Honorary Chair, ICRERA, POWER SYSTEMS CORPORATION Chief Executive Officer, Japan		
Prof. Fujio Kurokawa, General Chair, ICRERA, Nagasaki Institute of Applied Science, Japan	Prof. Ilhami Colak, General Co-Chair, ICRERA Istinye University, Turkiye	Prof. Takashi Abe General Co-Chair, ICRERA Nagasaki University, Japan
Prof. Hiroo Sekiya, Vice General Chair, ICRERA, Chiba University, Japan	Prof. Nobukazu Hoshi, Vice General Chair, ICRERA, Tokyo University of Science, Japan	Prof. Masayoshi Yamamoto, Vice General Chair, ICRERA, Nagoya University, Japan

Topics



Topics within the scope of the conference include the following areas, but not limited to:

- Renewable (Green) Energy Systems and Sources (RESSs) as Wind Power, Hydropower, Solar Energy, Biomass, Biofuel, Geothermal Energy, Wave Energy, Tidal energy, **Hydrogen Power Generation**, Fuel Cells, Energy Storage
- RESSs for **Electric Vehicles/Hydrogen Vehicles** and Components
- New Trends and Technologies for RESSs
- Policies and Strategies for RESSs
- Energy Transformation from Renewable Energy System (RES) to Grid
- Novel Energy Conversion Studies for RESSs
- **Power Devices and Driving Circuits** for RESSs
- Control Techniques for RESSs
- Grid Interactive Systems Used in Hybrid RESSs
- Performance Analysis of RESSs
- Hybrid RESSs
- Decision Support Systems for RESSs
- Renewable Energy Research and Applications for Industries
- **Green Data Center**
- **Carbon Neutral Port (CNP)**
- **Artificial Intelligence and Machine Learning** Studies for RESSs and Applications
- Computational Methods for RESSs
- **Energy Savings** for Power Electronics, Vehicular Technology, Electric Machinery and Control, etc.
- **RES Motor Drive**
- New Approaches in Lightings
- Reliability and Maintenance in RESSs
- Smart grids and RESSs
- Safety and Security of RESSs
- Renewable Energy Systems in **Smart Cities**
- Future Challenges and Directions for RESSs
- IoT for RESSs
- Energy Management, **VPP**(Virtual Power Plant) and ERAB (Energy Resource Aggregation Businesses) for RESSs
- **Model based Design and Digital Twin** for RESSs

Deadline of ICRERA 2024:

Call For Papers Website URL	www.icrera.org
3 to 5 Pages Long Digest Submission Deadline	August 30, 2024
Notification of acceptance	September 20, 2024
Final submissions due	October 11, 2024
Conference	November 9 – November 13, 2024

e-mail: icrera@gmail.com

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Sponsorship Plan

The opportunity to reach a large number of national and international delegates within the renewable energy and related fields.



Diamond Partners



- First selection of exhibition booth
- Exhibition booth
(9 sq.m.= width 3 meters x depth 3 meters) x4
- Five full conference registrations (w/o presentation)*¹
- Five exhibitor badges
- One exhibitor industrial session
- Company logo and link on ICRERA website
- Signage displaying Diamond status throughout the conference
- Company logo on conference bag
(if the bag introduced)
- Full page color advertisement and company logo in program booklet
- One piece of company literature in conference bag
- Reserved sheet at the banquet
- Mentioned as the Diamond Sponsor at the Opening Keynote Plenary Session and Banquet

Number of the enterprise: 6

Sponsorship fee: EUR 20,000

*¹ This privilege is not intended to give you the right to present a paper, but is a special consideration to deepen the interaction with all participants, which is the aim of this conference, by giving you access to all conference events. With the exhibition badge, you cannot go to any place other than the exhibition booth.

Gold Partners

- Exhibition booth
(9 sq.m.= width 3 meters x depth 3 meters) x2
- Three full conference registrations (w/o presentation)*¹
- Three exhibitor badges
- One exhibitor industrial session
- Company logo and link on ICRERA website
- Signage displaying Gold status throughout the conference
- Company logo on conference bag
(if the bag introduced)
- Full page color advertisement and company logo in program booklet
- One piece of company literature in conference bag
- Reserved sheet at the banquet

Number of the enterprise: 4

Sponsorship fee: EUR 10,000

Bronze Partners

- Exhibition booth
(9 sq.m.= width 3 meters x depth 3 meters) x1
- One full conference registrations (w/o presentation)*¹
- Two exhibitor badges
- Company logo and link on ICRERA website
- Signage displaying Bronze status throughout the conference
- One exhibitor industrial session
- Company logo on conference bag
(if the bag introduced)
- Half page black & white advertisement and company logo in program booklet

Number of the enterprise: 16

Sponsorship fee: EUR 6,000

*¹ This privilege is not intended to give you the right to present a paper, but is a special consideration to deepen the interaction with all participants, which is the aim of this conference, by giving you access to all conference events. With the exhibition badge, you cannot go to any place other than the exhibition booth.

Exhibitor



Exhibition Fee includes:

- 1) Back Panel: Width 2m × Height 2.5m
- 2) Exhibitor Badge x 2 *
- 3) Company information and contact details in program booklet
- 4) Attend the conference at member prices
- 5) Priority of placement within the exhibition will be sold in accordance with the date of booth fee received

* If you need more than 2 badges, it is possible for you to purchase.

* Exhibitor badges are not valid for admission to the conference program venue.

* Exhibitor badge

Exhibitor badge include lunch for each exhibition day, a conference program booklet, participate in the opening ceremony and industry session.

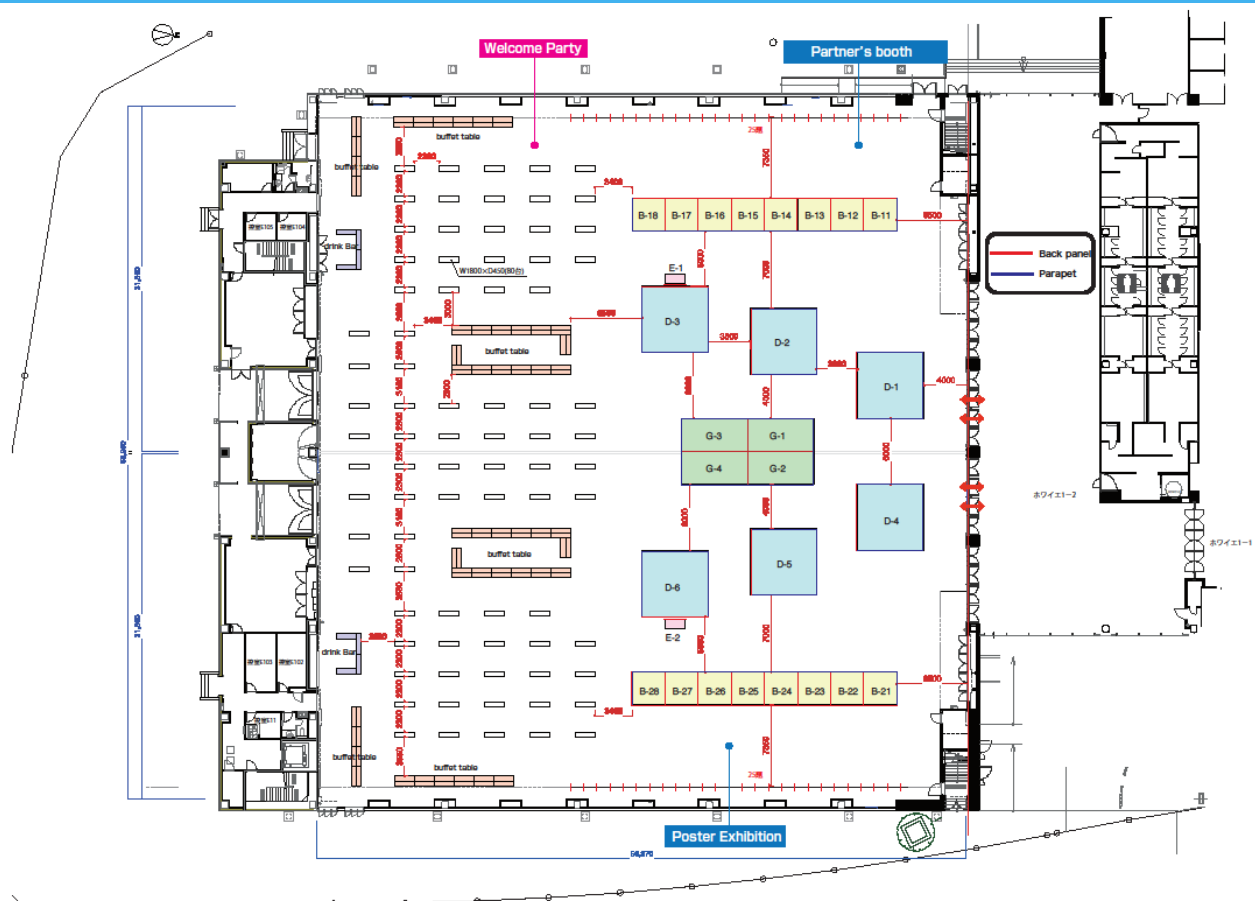
Additional exhibitor badges can be purchased for EUR 780 per badge and will have the same entitlements as above.

Number of the enterprise : 5 Booth fee: EUR 4,000

Sponsor benefits

1. Improving business presence
 - By supporting international conferences on renewable energy, you can promote your company's image of supporting carbon neutrality not only in Japan but also in more than 40 countries overseas.
2. Building networks with International key persons
 - You can repeatedly contact executives and engineers from domestic and foreign companies who are coming to give lectures, as well as renowned professors and researchers from universities, over 10 times during the conference at welcome parties, coffee breaks, lunches, and poster sessions. Moreover, the contact time per visit is long.
3. You can repeatedly appeal the company's business content
 - There are many opportunities to repeatedly communicate business content through conference lectures, industrial session lectures, exhibitions, and the development of logos on websites and venues, as well as many opportunities to exchange information. A private room for business negotiations is also available. Exhibit contents are not limited to renewable energy, and can be aimed at participants.
4. Utilization of One day ticket
 - Instead of full-day tickets, we will distribute inexpensive tickets for one-day admission as invitations to customers who are interested in the conference, allowing them to visit the exhibition hall or industrial session and lead to business negotiations.
5. Global master's student recruitment opportunities
 - The conference will be attended by 100 to 200 excellent master's students from electrical, electronic, and information fields who can give presentations in English, so your company can conduct recruiting activities.
6. Creating opportunities for industry-academia joint projects
7. Creating opportunities for interaction with participating companies and local industry, government, academia, and financial institutions

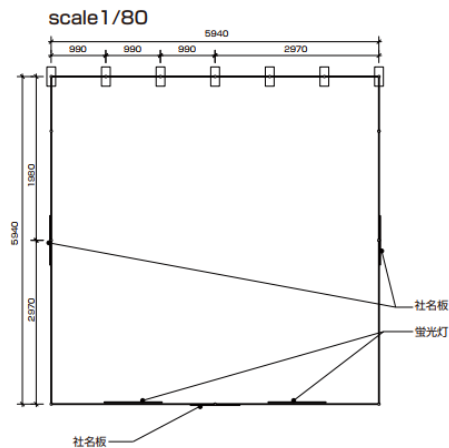
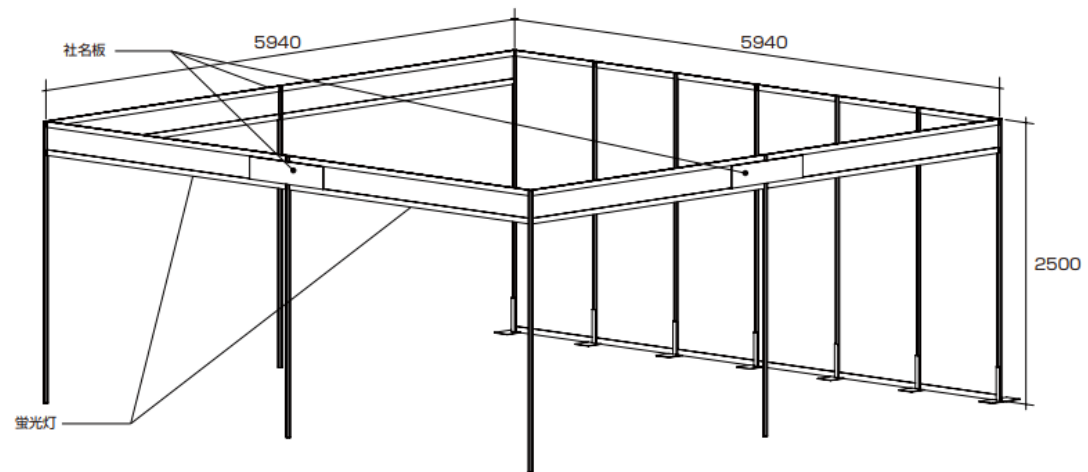
Exhibition Plan



	title		ICRERA (予約番号3882) (2024/11/10~13)		scale	1:300		consent	update		sheet no. 05
	place		出島メッセ長崎 1F		director		check	code no.			

Diamond Partner's booth

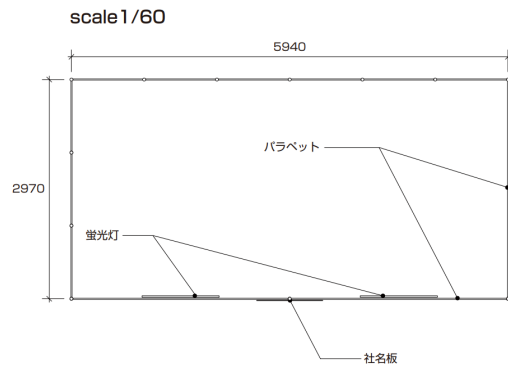
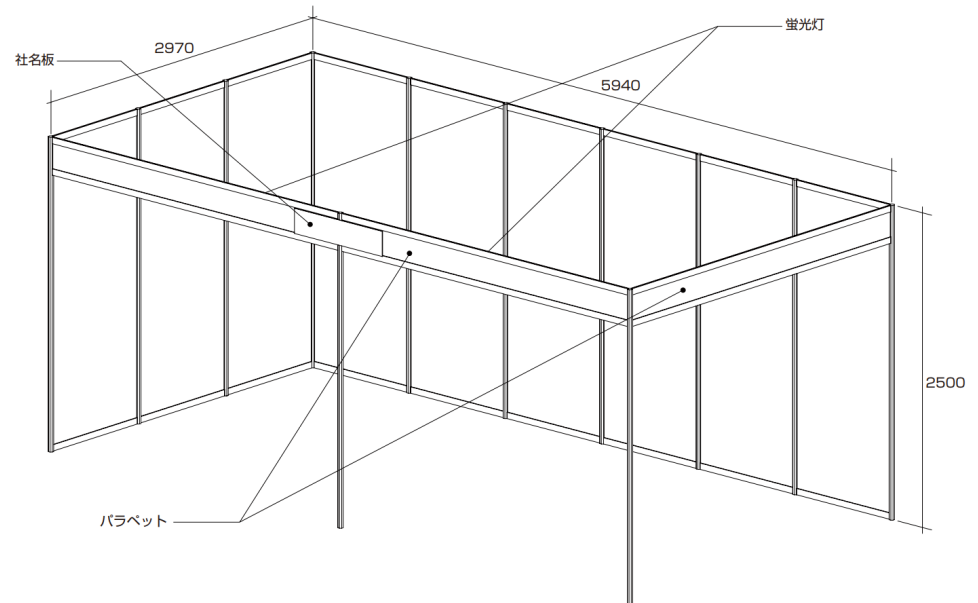
Basic specifications		
No.	Product name	quantity
1	Back panel	6
2	Parapet	18m
3	Company name plate	3
4	Fluorescent light (40W)	2
5	Electrical wiring work	1
6	Personnel costs, etc.	1
4 booths		



Gold Partner's booth

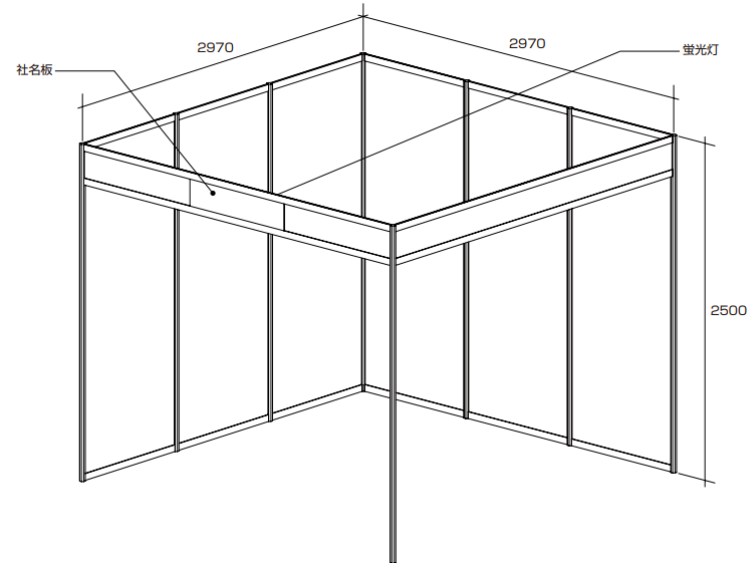
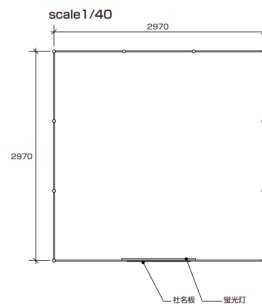
Basic specifications

No.	Product name	quantity
1	Back panel	9
2	Parapet	9m
3	Company name plate	1
4	Fluorescent light (40W)	2
5	Electrical wiring work	1
6	Personnel costs, etc.	1
2 booths		



Bronze Partner's booth

Basic specifications		
No.	Product name	quantity
1	Back panel	6
2	Parapet	6m
3	Company name plate	1
4	Fluorescent light (40W)	1
5	Electrical wiring work	1
6	Personnel costs, etc.	1
1 booth		



Contact

Local Arrangement
icrera@gmail.com

Conference Web
<https://www.icrera.org>