



Provided by Naha city

Call for Papers

The 13th International Workshop on High Voltage Engineering (IWHV 2022)

November 21-22, 2022, Okinawa+Online (in Japan)

[created on Nov. 11th, 2021]

INVITATION

The Thirteenth International Workshop on High Voltage Engineering (IWHV 2022) provides good opportunity to present and discuss latest findings in the field of high voltage engineering. The 13th IWHV 2022 will be held as a hybrid meeting at both Okinawa and through online. This workshop continues along the line of the previous workshops, which were held in Okinawa (1999), Tottori (2000), Fukuoka (2003), Sapporo (2004), Shizuoka (2007), Kyoto (2008), Kitakyushu (2010), Kanazawa (2012), Okinawa (2014), Miyazaki (2016) and Sendai (2018), and online (2020).

TECHNICAL SUBJECT AREAS

1. switchgear, power apparatus and industrial applications
2. lightning, over-voltages, fast transients
3. high voltage (HV) measurements & testing
4. insulation materials and systems (gas, liquid, solid, vacuum, and combined materials)
5. outdoor insulation
6. fundamental phenomena of electrical discharges, partial discharges, and corona discharges
7. field calculation, measurement & EMC, EMF
8. nano-dielectric application to HV Power apparatus
9. environmental effects of HV system

ORGANIZED BY

- IEEJ Technical Committee on High Voltage Engineering
- IEEJ Technical Committee on Switching & Protecting Engineering
- IEEJ Technical Committee on Electrical Discharge, Plasma and Pulse Power

SPONSORED BY

- IEEE Power and Energy Society Japan Joint Chapter
- Investigation R&D Committee on Lightning Protection Issues for Traction Power Supply and Signaling System for Railway
- Investigation R&D Committee on Clarification of Lightning Damage Mechanism and Lightning Protection Measures on Power Distribution Lines
- Investigating R&D Committee on Recent Progress on Characterization of Electric and Magnetic Fields near Electric Power Facilities
- Investigation R&D Committee on Lightning Protection Issues for Offshore Wind Power

CONFERENCE WEB SITE

[IWHV2022 Home page](#)

WORKING LANGUAGE

The official language of the workshop will be English. All printed matters, oral presentations and discussions will be in English.

IMPOTANT INFORMAITON

(1) Dates to note

Submission of Abstract : July. 15th, 2022

Notification of Acceptance : July. 19th, 2022

Manuscripts in PDF : Oct. 17th, 2022 (**Fixed deadline. Never extend**)

Conference : Nov. 21st – 22nd, 2022

(2) Conference location

The conference venue will be the Okinawa kyosyokuin kyosaikaikan Yashioso. It takes 7 minutes from the Yui-rail Prefectural Office Station on foot. The following website shows more detail information:

<http://www.okikyousai.jp/top/yasiosou/yasiosou.html>

(3) Registration Fee

Free

(4) Proceedings

All the accepted papers will be printed in the Proceedings of IWHV 2022, sold on the website below.

<https://www.bookpark.ne.jp/ieej/>

(5) Conference Banquet

It depends on the situation of the spread of corona virus to decide whether to hold the banquet or not.

A modest conference banquet will be held on November 21st. 2022, starting at 19:00. The banquet fee will be about 5,000 JPY per person for a general participant.

IMPOTANT INFORMAITON

S. Sekioka, *Chairman* (Shonan Institute of Technology, Japan)

T. Iwata, *Secretary* (Hitachi Ltd., Japan)

H. Urai (University of Daido, Japan)

H. Kojima (University of Nagoya, Japan)

Y. Nakazawa (Toshiba Energy Systems & Solutions Corporation)

T. Shiina (CRIEPI, Japan)