

ISDEIV 2023

June 25-30, 2023
Naha, Okinawa, Japan



About ISDEIV

The International Symposium on Discharge and Electrical Insulation in Vacuum (ISDEIV) is a non-profit, international organization whose purpose is to encourage the advancement of the science and application of electrical insulation and discharges in vacuum, primarily by conducting symposia for the exchange of scientific information.

The Symposia are usually held biennially. The symposia are interdisciplinary meetings for the exchange of results, presentation of progress, and discussion of ideas and challenges for the future in the field of electrical discharges and insulation in vacuum. Both fundamental and applied aspects are covered. Symposia programs consist of invited talks, invited oral contributions, and posters. Minicourses and informal discussions on relevant topics may also be offered in addition to the regular Symposium schedule.



Main Topics

A: BREAKDOWN AND FLASHOVER

- A1. Vacuum breakdown and pre-breakdown phenomena
- A2. Surface discharges and flashover phenomena

B: VACUUM ARCS

- B1. Switching in vacuum and related phenomena
- B2. Interaction of vacuum arcs with magnetic fields
- B3. Vacuum arc physics
- B4. Computer modeling and computer aided design
- B5. Pulsed power physics and technology

C: APPLICATIONS

- C1. Vacuum interrupters and their applications
- C2. Surface science and modification and related technologies
- C3. Electron, ion, neutron, X-ray and other beam and light sources
- C4. Accelerator and fusion reactor related issues
- C5. Space related technologies
- C6. Vacuum microelectronics and their applications

D: OTHERS

City Information

The only prefecture in Japan within a subtropical region is Okinawa, which has been fostering its own culture as an independent kingdom. Domestic flights to Okinawa are frequently operated from Japanese hub-airports including Haneda, Kansai and Chubu. The domestic flight time is 2-3 hours. Many international flights are also available from Asian countries such as South Korea, China and Singapore. Explore the ruins, vast sea blue and rain-forest green nurtured in the long history of Okinawa. The sight of the magnificence gives you a feeling of the eternal flow of time.



Venue

Okinawa Jichikaikan: 15 mins by monorail from Naha Airport

Address: 116-37, Asahimachi, Naha, Okinawa 900-0029, Japan Tel: +81-98-862-8181

First Call for Papers: ISDEIV 2023

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Important dates

- Deadline for abstract submission : September 15, 2022
- Notification of abstract acceptance : December 15, 2022
- Deadline for full paper submission : March 15, 2023
- Notification of full paper acceptance : April 24, 2023
- Conference : June 25 – 30, 2023

Contact us

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