Niigata - the place for Japanese to come home to.

Nagaoka Firework Festival

Noh (traditional masked dance-drama)

Agano River boat ride

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2014 International Symposium on Electrical Insulating Materials (ISEIM 2014)

June 1-5, 2014
Toki Messe,
Niigata City, Japan

Second Call for Papers

Sponsored by:
IEEJ Technical Committee on Dielectrics and Electrical Insulation

Technically co-sponsored by:
IEEE Dielectrics and Electrical Insulation Society

Co-sponsored by:
Faculty of Engineering, Niigata University
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In cooperation with:
IEEE DEIS Japan Chapter

Supported by: (Under negotiation)
TBD

Invitation

ISEIM 2014 will be held in Niigata, Japan on June 1-5, 2014. The previous conferences were held in Tokyo (1995), Toyohashi (1998), Himeji (2001), Kitakyushu (2005), Yokkaichi (2008), and Kyoto (2011), all in Japan. The organizing committee cordially invites you to participate in the conference.

About Niigata

Niigata City is a beautiful "city of water", and serves as a transportation hub with a seaport, an airport, Shinkansen stations, and highways. Various sightseeing spots are scattered throughout the suburbs, such as Iwamuro Hot Spring. The City is proud of its variety of wonderful foods, such as seafood nurtured by the Sea of Japan, rice and sake. The conference venue Toki Messe is in the new district of Niigata City. From its observatory, the highest spot in the city, you can see the Shinano River, the Sea of Japan, and Sado Island in the distance.

Main Topics

1. Space charge, surface and interfacial phenomena
2. Electrical properties of dielectrics and measurement and testing techniques
3. Nanotechnology for dielectrics
4. Inorganic and functional dielectric materials
5. Organic thin films and electronics
6. Dielectric materials for electronics and telecommunication
7. Dielectric properties of biological objects, biodielectronics
8. Inverter Surges
9. Partial discharge
10. Asset management for dielectrics applied apparatus
11. Insulation design, reliability, aging and degradation, their detection and monitoring
12. Polymeric insulators and outdoor insulation
13. Eco-friendly dielectric materials and recycling
14. Electrical insulation phenomena and charging under cosmic and radiological environment
15. Collaborate work with industries and universities

Papers on the following topics are particularly welcome: polymeric insulators and outdoor insulation, space charge measurements, on-line monitoring and diagnostics of power apparatus, GIS and cables, diagnosis of GIS, DC cables, development of polymeric cables and joints for higher electric fields, organic and inorganic thin films, new and functional materials including biological and medical dielectrics, and ferroelectric materials.

Special Sessions for Space Charge Measurement Technologies

The broad HVDC power network is getting to move forward with full-scale implementation, especially in Europe area. In order to estimate the HVDC stress on insulating materials, space charge distribution with the pulsed electro-acoustic (PEA) method - based measurement has been paid much attention. The organizing committee is planning to hold a special session introduces the advanced technique for measuring the space charge distribution in insulating material using PEA method.

Language

The working language of the symposium is English. All printed matter will appear in English.

Submission of Papers

You are invited to submit an abstract within 400 words by **Nov. 29, 2013**. The abstract submission form is available on the symposium website. Acceptance notices will be sent to corresponding authors by the middle of January, 2014. The authors of accepted papers will be requested to electronically submit paper manuscripts by Feb. 28, 2014 with its extended summary. More information on the manuscript submission will be provided on the ISEIM 2014 web site. Accepted papers will be published in the Symposium Proceedings of CD-ROM, and corresponding extended abstracts will be published both in CD-ROM and booklet.

Registration Fees (tentative)

Registration fee including is ¥35,000 (Japanese yen) for members of IEEJ, IEEE, CIGRE, CES, or KIEEME, ¥40,000 for non-members, and ¥15,000 for students with valid IDs. Manuscript submission fee is ¥10,000 per manuscript. This fee will be deducted from the registration fee for the authors presenting their papers, although the maximum deduction is ¥10,000 per attendee.

Important Dates

Abstract Submission: ~~*Nov.29*~~ ***Dec.20, 2013***
Acceptance/Rejection Notices: ***Middle of Jan., 2014***
Manuscript Submission: ***Feb. 28, 2014***
Conference Dates: ***Jun. 1 - 5, 2014***

ISEIM 2014 Web Site

http://www2.iee.or.jp/~adei/ISEIM2014/

Conference Secretariat

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How to Get to Niigata City

Niigata Prefecture is serviced by Joetsu Shinkansen (Bullet Trains) and also has an international airport, albeit only to a handful of 'local' destinations. Most people visiting will opt to take the Joetsu Shinkansen from Tokyo Station to Niigata, a journey of around two hours. Visitors from overseas will land at Narita Airport, 60 km from downtown Tokyo. The easiest way to get to Tokyo Station, for onward transfer to Niigata, is by using Narita Express train service Narita Express runs every 30 minutes during peak periods and takes under one hour to reach Tokyo Station.