



## 1<sup>st</sup> Call for Papers

Conference Dates: June 12<sup>th</sup> -14<sup>th</sup>, 2019

Venue: Museum Centre Vapriikki,  
Tampere, Finland



## 26<sup>th</sup> Nordic Insulation Symposium on Materials, Components and Diagnostics



TAMPERE UNIVERSITY OF TECHNOLOGY

## Invitation

You are hereby cordially invited to participate in the 26<sup>th</sup> Nordic Insulation Symposium on Materials, Components and Diagnostics (NORD-IS 19), which will be held in Tampere, Finland on **12. – 14. June, 2019**.

✓ Please mark your calendar and submit an abstract by **31<sup>st</sup> December, 2018**.

## NORD-IS History

Nordic Insulation Symposium has a long history, originating back to 1968 when it was started as a symposium on Partial Discharges (Nord-PD). Since then it has been arranged every two years as Nordic Insulation Symposium with the scope covering not only the insulation systems but also all related fields of High Voltage engineering. Despite the traditional name NORD-IS welcomes researchers, engineers and students from all countries.

## Who should attend?

The Symposium provides an opportunity for researchers, PhD students and engineers working at research institutes, academia, power industry and power utilities to meet, exchange ideas, research results and practical experience on insulating materials, components, models and diagnostics as well as related topics such as apparatus and measuring techniques.

PhD students and young engineers are particularly encouraged to present their work. The symposium language is English and participants from both within and outside the Nordic countries are warmly welcome.



## Scope

The scope of NORD-IS 19 includes, but is not limited to the following areas:

- Design and modelling of high voltage components
- Materials for new applications in AC and DC power apparatus
- Ageing phenomena and breakdown mechanisms
- HV measurements and test procedures
- Condition monitoring and diagnostic techniques
- Electric and thermal stresses and risk based condition assessment of power apparatus
- Environmental challenges

## Important Dates

<b>31.12.2018</b>	<b>Receipt of Abstract</b>
28.1.2019	Provisional Acceptance Notification
14.4.2019	Receipt of Full Papers
5.5.2019	Notification of Final Acceptance
14.5.2019	Early registration deadline
12.6.2019	Start of Symposium

## Organizing Committee

Kari Lahti	TUT (FI)
Frank Mauseth	NTNU (NO)
Hans Edin	KTH (SE)
Claus Leth Bak	Aalborg University (DK)
Ilkka Rytöluoto	Secretary, TUT (FI)

## Advisory Council

Jörgen Blennow	Chalmers (SE)
Henrik Hilborg	ABB Corporate Research (SE)
Sverre Hvidsten	Sintef Energy Research (NO)
Bjørn Sanden	StatNett (NO)
Joachim Holbøll	DTU (DK)
Per Christensen	NKT Cables (DK)
Petri Hyvönen	Aalto University (FI)
Jari Kotiniitty	GE Grid Solutions Oy (FI)
Juha Laakko	Terichem Tervakoski (FI)

## Draft Program

### Venue

The symposium will be held at **Museum Centre Vapriikki** in the city of Tampere located in the southern Finland. Conference hotels are located conveniently in Tampere centrum, within a walking distance from Vapriikki and the many attractions of Tampere city.



For more information, please visit: [www.vapriikki.fi/en](http://www.vapriikki.fi/en)

### Plenary and e-poster sessions

Technical sessions will be held on Monday and Tuesday, 12.–13. June, comprising of both oral and e-poster sessions.



The authors who are selected to present their papers in the e-poster session are encouraged to bring electronic supporting information (such as presentation slides, videos, figures etc.) along with a conventional poster to further promote the work and spark discussion during the session. Computers and displays will be provided by the organizers.

### Invited Speaker & Technical Excursion

To be announced later.

## Tampere

The Tampere Region is one of Finland's fastest growing centres. Tampere has a population of more than 220,000 while there are close to half a million people in the greater Tampere Region. The population of Finland is a little more than five million.

**Tampere** was founded by Sweden's young monarch, Gustavus III, in 1779. Tampere has a monumental industrial history: the Finlayson cotton mill was the first large-scale industrial enterprise in Finland and it was in fact in Finlayson's factory hall that the first electric light in the Nordic countries was lit.



Today Tampere can be described as a centre of leading-edge technology, research, education, culture, sports and business. It is Finland's third largest city as well as the largest inland city in the Nordic countries. Tampere is located on an isthmus between lakes Näsijärvi and Pyhäjärvi, in a beautiful ridge scenery. The Tammerkoski rapids are a nationally recognized landscape and in the city centre you can also enjoy the awarded lighting at Keskustori Central Square.



## Social Events

The symposium banquet will take place in the á la carte restaurant in Viikinsaari island on the lake Pyhäjärvi. During the boat trip from Laukontori to Viikinsaari onboard M/S Silver Sky you can enjoy the world-famous Finnish lake sceneries along with a city view of Tampere.

### Paper Review and Publication

Papers related to NORD-IS topics will be accepted for presentation following a peer-review process. Accepted papers will be included in the Proceedings of NORD-IS 19 and made publicly available online through NTNU's Open Access Journals service.

### Additional Information

More details about the technical program, hotel accommodations and registration procedures will be available on the website [www.nordis.org](http://www.nordis.org).

### Contact

#### Secretariat

Dr. Ilkka Rytöluoto

E-mail: [nordis2019@tut.fi](mailto:nordis2019@tut.fi)

Tel: +358 40 828 4570

#### Chairman

Adjunct Professor Kari Lahti

E-mail: [kari.lahti@tut.fi](mailto:kari.lahti@tut.fi)

Tel: +358 40 585 9805

Web: [www.nordis.org](http://www.nordis.org)