

IRMC Europe- Iris Rotating Machine Conference

September 17-19, 2024
Västerås, Sweden

Together with Fortum, IRIS invites you to attend a three-day conference dedicated to predictive maintenance of high voltage rotating machines. Attendees will have the opportunity to hear presentations from operators of various rotating machines and learn about the application of different test methods. The Iris Rotating Machine Conference Europe will be held for the first time in 2024. This conference is dedicated to bringing together professionals from around the world to discuss the predictive maintenance technologies and to educate attendees on the practical aspects of implementing condition-based maintenance for generators and motors. Attendees will have the opportunity to share their experiences with recent failures, repair methods, testing and monitoring.

Registration fee:

Technical sessions & site visit

- €1000.00 EUR
- €900.00 EUR (early bird until August 17)
(Registration fee waived for Presenters)

Conference includes:

- Technical sessions
- Site visits – Generator workshop and rotor balancing
- Guided tour to Steam Hotel powerplant museum
- Lunch and dinner
- Coffee / tea with snacks

2024 Preliminary Agenda

Technical Sessions

- Turbo Generators
- Hydro Generators
- Motors

These Technical Sessions will have presentations on the topics of stator and rotor winding issues and monitoring, generator and motor failures and repairs.

Breakout Sessions Ideas

- **Turbo Generators** – winding vibration experience, vibration sparking and experience with global VPI stators
- **Hydro Generators** – rewind specs, polyester versus epoxy, cleaning methods
- **Motors** – variable speed drive problems

User Group Meeting

For those users of PDA, TGA, RFA, end winding Vibration and ELCID technologies, this meeting provides you with the opportunity to discuss your ideas and concerns.

Walk-in Clinic

If you have any questions about your PD, RFA or EL CID data, be sure to bring them with you. Iris specialists will be available to informally discuss your test results.

Site visit

Site visit to Fortum TGS generator workshop and high speed-balancing

Call for Abstracts!

We are now looking for relevant papers for the rotating machine technical program. Preferred subjects include:

- Recent stator or rotor winding failures
- New winding repair methods
- Experience with machine testing and condition monitoring
- Advances in generator and motor design
- Machine maintenance procedures.

Each session is expected to be around 30 minutes including 10 min of Q&A. Please contact Thorsten Huebers or Olov Svensson for your abstract

Schedule of Submission

- Abstract submittal deadline June 30, 2024
- Authors notified of acceptance July 15, 2024
- Presentation submittal deadline August 15, 2024

Questions, email:

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Registration!

Please make your register IRMC-2024 conference on [IRMC Europe 2024 - Iris Power](https://irispower.com/courses/irmc-europe-2024)
(<https://irispower.com/courses/irmc-europe-2024>)

Venue

The Steam Hotel,
Ångkraftsvägen 14,
721 31 Västerås, Sweden



Can a 100-years old power plant be more suitable for this conference?

The Steam Hotel is the sequel to a story that began long ago, in the days when large parts of Sweden were powered by energy from a steam power plant at Lake Mälaren. But over time, as society develops and needs changed, all that remained in Västerås was a beautiful old brick building with its machines, boilers and pipes reminiscent of a bygone era.

The 18-storey landmark has that raw feeling which only an industrial building can give, and you can really feel the history engrained in the walls. The hotel has a nice industrial-romantic style in which raw materials such as stone, metal and concrete are softened by wood, glass and textiles. Floor number seven is specifically set aside to renew energy and strength. There is a large steam-spa, indoor pool, orangery and terrace with an outdoor pool.

The Steam Hotel have taken advantage of and recycled as much as possible and used our creativity to find new functions for old boilers and instruments.

Hotel!

There are prebooked hotel rooms, available until 12 July (not included in conference fee). Please make your reservation with code: 191336