

24th EM Induction Workshop,  
Helsingør, Denmark, 12 - 18 August, 2018

## PARTNERSHIP OPPORTUNITIES

The Electromagnetic (EM) Induction Workshops are the premier events for researchers around the world to exchange latest developments in the field of geophysical electromagnetism. The Workshop is important for both the international research community and for the many sectors of industry and government that use EM methods for geothermal, mining, petroleum and energy exploration, groundwater and environmental resource evaluation, geohazard monitoring and many other applications.

---

We would like to offer a range of opportunities for your company or organisation to partner with the 24<sup>th</sup> EM Induction Workshop in Helsingør (Elsinore), Denmark

---

This event is proudly held under the auspices of the International Union of Geodesy and Geophysics (IUGG), International Association of Geomagnetism and Aeronomy (IAGA) and is being organized by ten Nordic research institutions and companies.

Sincerely Yours,

Toivo Korja (LOC Chair, Luleå University of Technology, LTU)

Maxim Smirnov (LOC Co-chair, Luleå University of Technology, LTU)

Esben Auken (Aarhus University, AU), Vikas C. Baranwal (Geological Survey of Norway, NGU), Anaïs Brethes (LTU), Hjalmar Eysteinnsson (Reykjavik Geothermal Ltd), Sofie Gradmann (NGU), Björn Heincke (Geological Survey of Denmark and Greenland, GEUS), Niklas Juhojuntti (LKAB), Nils Olsen (Technical University of Denmark, DTU), Lena Persson (Geological Survey of Sweden, SGU), Maxim Smirnov (LTU), Thorkild Rasmussen (LTU), Gerhard Schwarz (SGU), Kim Senger (University Centre in Svalbard, UNIS), Ilkka Suppala (Geological Survey of Finland, GTK), Saman Tavakoli (LTU) and Katri Vaittinen (Boliden).



# Workshop Invited Reviewers

We are pleased to announce invited reviews from a range of acclaimed international scientists who are experts in their fields. These invited reviews provide a unique opportunity to hear the state-of-the-art in electromagnetic methods and applications. As in the previous Workshops, these reviews will later be published.

 <p><b>Andrew Binley</b> Lancaster University, U.K., Hydrogeophysics <b>EM applications for hydrology</b></p>	 <p><b>Graham Hill</b> University of Canterbury, New Zealand <b>EM studies in polar regions</b></p>
 <p><b>Christopher Juhlin</b> Uppsala University, Sweden <b>Earth's crust: reflection seismics and magnetotellurics</b></p>	 <p><b>Anna Kelbert</b> US Geological Survey, U.S. <b>Geomagnetically induced currents in technological systems and conductivity models</b></p>
 <p><b>Naser Meqbel</b> GFZ Potsdam, Germany <b>Multi-EM (joint) inversions</b></p>	 <p><b>Zhengyong Ren</b> Central-South University of China <b>2D/3D model uncertainty and resolution</b></p>
<p><b>Konstantin Titov</b> St. Petersburg University, Russia <b>Separating induction effects from induced polarization and paramagnetic responses</b></p>	

# The Workshop

The Workshop will be held over seven days, from 12<sup>th</sup> – 18<sup>th</sup> August, 2018. On mornings and/or afternoons, the sessions will start with review papers from invited, internationally-acclaimed scientists focusing on developments in EM in selected themes. Afterwards, time is dedicated to a set of often robust discussions around over 350 Workshop posters on recent developments and latest controversies in EM induction. Morning and afternoon sessions will close with blocks of oral presentations. We anticipate continuing social and scientific gatherings in smaller groups when enjoying the hospitality of Helsingør's inner city pubs and restaurants, located in walking distance from the conference centre. Wednesday 15<sup>th</sup> of August will be a networking day where the participants take a charter bus for an excursion in the region to UNESCO Global Geopark Odsherred and the city of Roskilde.

## Helsingør, Denmark

Helsingør, classically known in English as Elsinore, is a city in eastern Denmark (northern Zealand). It has a population of c. 62,000. The name Helsingør is derived from the word "hals" meaning neck or narrow strait, referring to the narrowest point of the Øresund (Øre strait) between what is now Helsingør and the city of Helsingborg in Sweden.

In 1429, the Danish king Eric of Pomerania established a toll that all foreign ships passing through the strait had to pay, which constituted up to two-thirds of Denmark's state income. This allowed the construction of the castle Krogen at the entrance of Øresund. The castle was expanded in the renaissance time around 1580 and was renamed Kronborg, nowadays world-renowned as Elsinore, the setting of Shakespeare's Hamlet (c. 1600) and part of UNESCO world-heritage list (<http://whc.unesco.org/en/list/696>). The Kronborg castle was housing the Danish trade and Maritime Museum since 1915, until it was relocated in 2013 into a new piece of iconic architecture built below ground around an old concrete dry dock in front of Kronborg Castle and right next to **Kulturvarftet**, where the workshop is held (<http://mfs.dk/en/>).

# The Program

The workshop will have the following session themes. The final list of sessions will be decided in the spring 2018 after the abstracts have been received.

## Session list

1. Instrumentation, sources and data processing.
2. Theory, Modelling and Inversion
3. Exploration, Monitoring and Hazards
4. Tectonics, Magmatism, Geodynamics
5. Marine EM
6. Rock and Mineral Resistivity, and Anisotropy
7. Global and Planetary Studies
8. EM Induction Education and Outreach (Poster session).

## Schedule of the workshop

Sun 12.08	Arrivals, registrations, ice-breaker party, poster posting
Mon 13.08	Workshop-1, registrations
Tue 14.08	Workshop-2, registrations
Wed 15.08	Excursion
Thu 16.08	Workshop-3
Fri 17.08	Workshop-4
Sat 18.08	Workshop-5, workshop dinner
Sun 19.08	Departures

# Available Partnership Opportunities

The success of the events such as the 24<sup>th</sup> EM Induction Workshop depends to a significant extent on sponsorship from participants and supporters, such as yourself. In return, your sponsorship shows the world that you are one of an internationally selected group of companies, government agencies, or Universities that supports this type of research. By supporting this Workshop, you have the opportunity to be at the forefront of cutting-edge research that is enhancing our ability to image the Earth, at all depths, in ever greater detail, with direct benefits for geothermal, mining, petroleum and energy exploration, groundwater and environmental resource evaluation, geohazard monitoring such as GIC (Geomagnetically Induced Currents in technological systems) as well as academic research. This support provides a direct link to your organisation from potential clients, investors and peers. As well as featuring your organisation on the Workshop website, the Workshop will provide many long-lasting benefits and opportunities, including networking and relationship building, promoting your products and services, demonstrating your commitment to research in geophysics and increased exposure to international knowledge and professional development.

**A significant fraction of sponsorship will subsidise students and early career researchers from around the world for their registration and accommodation. At each of the last three Workshops, more than 50 students and postdoctoral fellows were supported this way.**

We invite you to read this Partnership Opportunities proposal and realise the full potential to your company or organisation. Also, please visit our website <https://emiw2018.emiw.org/> as this will be updated regularly so you can see how the Workshop is progressing.

**We, of course, encourage more partnership rather than less! However, we recognise that not all companies and organisations may be able to support us so generously.**

**Please contact us**

**Toivo Korja, chair of the Local Organising Committee, +46730835026 or +35844559426, [toivo.korja\(at\)ltu.se](mailto:toivo.korja@ltu.se)**

**or**

**Maxim Smirnov, co-chair of the Local Organising Committee, +46730834998 [maxim.smirnov\(at\)ltu.se](mailto:maxim.smirnov@ltu.se)**

**to discuss on customized partnership opportunities that are tailored to your needs.**



## Partnership Packages: 3000 € - 10000 €



Calling sponsorship of this event a “partnership” is more accurate than the “standard” conference-model of sponsorship. More formal sponsorship might include tiered levels of sponsorship with corresponding levels of publicity and exposure. Since we see this event as a true workshop, only one level of “partnership” is offered for all. By **including a full registration**, it encourages participation by

sponsoring companies and organisations, as a varied audience is one of the goals of this event.

### PARTNERSHIP PACKAGES

(Multiple opportunities available)

#### Standard: 3000+ €

- One full-registration
- Logo and web-link to appear on the Home and Sponsor’s page of the Workshop website
- Logo to appear on all printed material produced for Workshop, including banners and other advertising materials
- Logos shown in rotation on screens during, before, and after sessions, and during breaks
- Verbal acknowledgment at the Opening and Closing events
- A delegate list supplied shortly after the Workshop (subject to privacy law provisions).
- Logo and 100 words company profile featured in the Workshop Delegate Handbook.
- Partnership package sponsors can include giveaways (pens, notepads, sweets, etc.) or flyers / CDs etc. in our conference bags.

#### Bronze: 5000+ €

- Add another full-registration (two in total).
- One individual student sponsorship of 500€.

#### Silver: 7000+ €

- Add another full-registration (three in total).
- Two individual student sponsorships of 500€ each.

#### Gold: 10000+ €

- Add two more full-registrations (five in total).
- Four individual student sponsorships of 500€ each.

Companies and Organisations that take a Partnership Package are invited to consider additional Partnership opportunities, such as the workshop dinner, ice-breaker or excursion. Partial sponsorship is possible.

Other sponsoring opportunities include poster session refreshments, coffee breaks and individual student sponsorships. Please see the following pages for more details.

## Workshop dinner Partner: 3000 €



We plan to have the Workshop Dinner on the closing night, Saturday 19<sup>th</sup> August. It will be one of the highlights of the 24<sup>th</sup> EM Induction Workshop, bringing together all of the delegates for a final, relaxed dinner in Helsingør. The dinner is included in registration. The event may also be supported by multiple partners.

### (One opportunity available)

- Verbal acknowledgment at the dinner
- Signage displayed during the Dinner (Partner to provide up to 2 x stand-up banners – signage to be approved by Local Organising Committee)
- Logo and web-link to appear on the Home and Sponsor's page of the Workshop website

## Ice-breaker Partner: 2000 €



On Sunday 12<sup>th</sup> August, meet everyone at the workshop as they register. Our ice-breaker will be held in the **Kulturvarftet**, the conference centre and venue of the Workshop. Weather conditions permitting, we can enjoy a relaxing atmosphere on the terrace and harbour. The event may also be supported by multiple partners.

### (One opportunity available)

- Verbal acknowledgment at the Icebreaker
- Signage displayed during the Icebreaker (Partner to provide up to 2 x stand-up banners – signage to be approved by the Local Organising Committee).
- Logo and web-link to appear on the Home and Sponsor's page of the Workshop website.

## Excursion Partner: 1000 €



On Wednesday 15<sup>th</sup> August, we head to UNESCO Global Geopark Odsherred and city of Roskilde. Partners may sponsor bus transportation and lunch at the Geopark (take-away lunch from Kulturvarftet). The event may also be supported by multiple partners.

### (Several opportunities available)

- Shared naming rights to excursion with the 24<sup>th</sup> EM Induction Committee
- Verbal acknowledgment at the in the excursion buses
- Logo and web-link to appear on the Home and Sponsor's page of the Workshop website

## Poster session refreshments sponsorship: 750 €

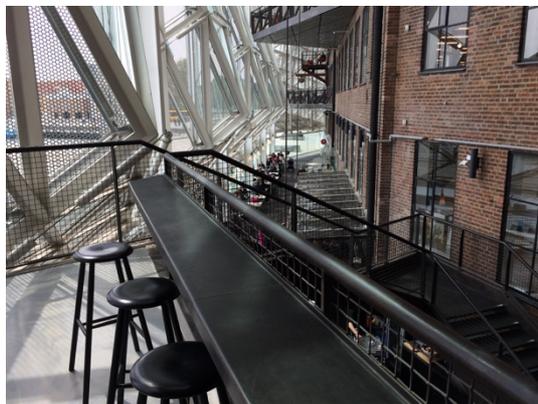


This package is highly cost effective as it offers an excellent opportunity to reach all Workshop delegates at one time. Sponsor one of the late afternoon poster session refreshments after a busy day at the Workshop, to be held at Kulturvarftet on Monday 13<sup>th</sup>, Tuesday 14<sup>th</sup>, Thursday 16<sup>th</sup> and Friday 17<sup>th</sup> August.

**(Four poster session refreshments available)**

- Verbal acknowledgment at the Workshop on the day
- Dedicated signage to be placed near serving area for drinks. Signage to be supplied and funded by the applicable Partner – all signage to be approved by the Local Organising Committee
- Logo and web-link to appear on the Home and Sponsor's page of the Workshop website

## Morning and afternoon breaks sponsorship: 500 €



This package is highly cost effective as it offers an excellent opportunity to reach all Workshop delegates at one time. Sponsor one of either a morning coffee OR an afternoon coffee session on any of Monday 13<sup>rd</sup>, Tuesday 14<sup>th</sup>, Thursday 16<sup>th</sup>, Friday 17<sup>th</sup>, or Saturday 18<sup>th</sup> August.

**(Ten coffee/tea breaks available)**

- Verbal acknowledgment at the Workshop on the day
- Dedicated signage to be placed on/near catering stations during the applicable morning/afternoon refreshment break. Signage to be supplied and funded by the applicable Partner – all signage to be approved by the Local Organising Committee
- Logo and web-link to appear on the Home and Sponsor's page of the Workshop website

## Individual student sponsorship: 500 €



**(Several opportunities available)**

- Company/Organization logo printed on the student's name tag.
- Students are encouraged to write a letter of acknowledgement to the company.

# Event Partnership Application concerning the 24<sup>th</sup> EM Induction Workshop in Helsingør 2018

Expressed interest in participating as an Event Partner can only be confirmed after closing a Sponsorship Agreement and on receipt of payment. Allocations will be made strictly in order of receipt of application and closing the Sponsorship Agreement and payment.

Please fill in and send to:

*Prof. Toivo Korja*

*Department of Civil, Environmental and Natural Resources Engineering,*

*Luleå University of Technology (LTU)*

*SE-97187 Luleå*

*Sweden*

Company Name:

VAT ID, if applicable:

Address:

Suburb: State: Postcode: Country:

Contact Name (Prof/Dr/Mr/Ms/Mrs/Miss):

Position:

Telephone:

Fax:

Mobile

Email:

Website:

Partnership Package Preferences

I/We would like to take up the following Partnership package(s):

Partnership Package:

I/we understand that the Partnership packages will be subject to the EM Workshop Committee approval and that decision is final. Packages can only be confirmed on receipt of payment.

Signed:

Position:

Date:

(For and on behalf of the Partner listed above)



## PARTNERSHIP TERMS & CONDITIONS

### Benefits & Terms

Each Partner will receive a customised Sponsorship Agreement that outlines the Partner's benefits and responsibilities. All Partners will be informed about any printing and production deadlines related to printed materials and inclusion on the 24<sup>th</sup> EM Workshop 2018. It is their own responsibility to meet the deadlines. The Partner's main contact person will receive all forms/information pertinent to your Sponsorship/Partnership and will be responsible for completing and returning forms &/or supplying information in a timely manner.

### Payment Terms

Upon receipt of the signed Sponsorship Agreement, the Partner's main contact person will receive an invoice and payment instructions. The payment is due within 14 days. All prices are listed without tax.

All payments due and payable must be received by LTU prior to the event. No company will be listed as a Sponsor in any material until the signed agreement and full payment has been received by LTU.

### Cancellation Policy

Partners agree and understand that notification of intent to cancel the Partnership must be provided in writing. In the case the Sponsor cancels the Sponsorship Agreement more than ninety (90) days before the beginning of the event (24<sup>th</sup> of August 2018) a **50% cancellation and service fee** will apply. In case the cancellation occurs less than ninety (90) days before the beginning of the event no refunds will be granted. The Sponsor will be obligated to pay any outstanding balance due on Sponsorship. After Sponsorship has been confirmed and accepted, a reduction in Sponsorship is considered as cancellation. Partnership/Sponsorship contribution will contribute towards the successful planning and promotion of the EM Induction Workshop 2018 in addition to subsidising the cost of management, communication, invited speakers, program, publications and other event requirements.