



17th International Conference
on Luminescence and
Electron Spin Resonance Dating
26-30 June 2023, Copenhagen, Denmark

Dear Colleagues,

This is the second announcement for the 17th International Luminescence and Electron Spin Resonance Dating conference (LED2023). The conference will take place in Copenhagen, Denmark from the 26th to the 30th of June, 2023. The last LED conference (LED2021) was held virtually but LED2023 will be held in the good old-fashioned “let-us-meet-in-person” style.

LED2023 will cover similar scientific themes to previous LED-conferences and we hope to attract a large number of students and professionals working in the field of luminescence and ESR dating. We aim to provide a pleasant and stimulating environment for presentations (both orals and posters) and discussions.

With this circular we provide important information regarding the conference. For further information please visit the conference web site (<https://led2023.com/>). Sign-up, abstract submission and registration will all take place via the web site.

Venue

The conference will be hosted at DGI Byen’s conference centre, CPH Conference, which is located in the heart of Copenhagen just a few steps away from Copenhagen Central Station (“Hovedbanegården”). All participants will have free access to the indoor swimming pool in DGI byen.

Accommodation

We encourage everyone to book accommodation as soon as possible; Copenhagen is a popular tourist destination and budget summer accommodation is booked up early.

The organisers have guaranteed 90 rooms at CPH hotel in DGI byen for the conference participants. These are available on first come first serve basis.

Price single room: 94€ / night, including breakfast

Price double room: 107€ / night, including breakfast

Instruction for hotel booking will be provided in the confirmation e-mail upon registering at the LED2023 website.

Guests will be individually responsible for payment of their room, taxes and any incidental charges.

Invitation letter

If you need an invitation letter, please send an email to LED2023@dtu.dk.



17th International Conference
on Luminescence and
Electron Spin Resonance Dating
26-30 June 2023, Copenhagen, Denmark

Important deadlines

Abstract submission	22 nd January 2023
Early Bird registration	1 st March 2023
Abstract confirmation	15 th March 2023
Late registration	25 th April 2023
Companion registration	25 th April 2023

Event dates

Pre-conference workshop	25 th June 2023
Icebreaker	25 th June 2023
Mid-conference excursion	28 th June 2023
Conference dinner*	28 th June 2023
Viking experience*	28 th June 2023
Post-conference field trip*	30 th June – 2 nd July 2023

* Optional items (see description below) which can be selected during registration.
Please note that there is no special discount for student participants.

Fees

Main participant		
1	Early Bird registration	€570
2	Late registration	€650
4	Pre-conference workshop	€85
5	Conference dinner	€60
6	Viking experience	€50
7	Post-conference field trip	€490-550
Companions		
	Mid-conference excursion and conference dinner	€110
	Viking experience	€50
	Post-conference field trip	€490-550

Abstract submission

All abstracts for LED2023 should be submitted via the “Abstract Submission Portal” on the conference web site (<https://led2023.com/>). Information about the submission process and the Abstract Template is available on the Abstract Submission Section of the conference's website. Each participant may only submit one first-author abstract and the leading author must be registered in order for the contribution to be qualified for oral or poster presentation. The deadline for abstract submission is 22nd of January 2023. The international scientific committee will evaluate each submitted abstract and notification of acceptance and the mode of presentation (oral or poster) will be made available by 15th March 2023.



17th International Conference
on Luminescence and
Electron Spin Resonance Dating
26-30 June 2023, Copenhagen, Denmark

The international scientific committee consists of:

- Lee Arnold, University of Adelaide, Australia
- Andrzej Bluszcz, Silesian University of Technology, Poland
- Jan-Pieter Buylaert, Technical University of Denmark, Denmark
- Naveen Chauhan, Physical Research Laboratory, India
- Makaiko Chithambo, Rhodes University, South Africa
- Regina DeWitt, East Carolina University, USA
- Geoff Duller, Aberystwyth University, UK
- Mathieu Duval, CENIEH, Spain
- Xiao Fu, Zhejiang University, China
- Mayank Jain, Technical University of Denmark, Denmark
- Georgina King, University of Lausanne, Switzerland
- Naomi Porat, Geological Survey of Israel, Israel
- Tammy Rittenour, Utah State University, USA
- Andre Oliveira Sawakuchi, University of São Paulo, Brazil
- Toru Tamura, Geological Survey of Japan, Japan
- Kristina Jørkov Thomsen, Technical University of Denmark, Denmark
- Alida Timar-Gabor, Babes Bolyai University, Romania
- Sumiko Tsukamoto, LIAG, Germany
- Liping Zhou, Peking University, China

Pre-conference workshop 25th June 2023

The pre-conference workshop on Rock Surface Luminescence Dating will be held at DGI Byen's conference centre (same place as the conference) on Sunday 25th June from 10:00 to 16:00. The workshop will cover theoretical aspects, practical considerations and new technologies in rock surface exposure and burial dating. The workshop fee will include lunch (sandwich) and two coffee breaks.

Ice-breaker reception 25th June 2023

An ice-breaker reception will take place at DGI Byen's conference centre (same place as the workshop and conference). The ice-breaker reception starts at 18:00 and it will be possible to pick up your complimentary conference bag here.

Companions

Registered companions can participate in the "Mid-conference excursion" and the "Conference dinner". It is also possible for companions to sign up for the optional "Viking experience" and the "post-conference field trip" (see below).



17th International Conference
on Luminescence and
Electron Spin Resonance Dating
26-30 June 2023, Copenhagen, Denmark

Mid-conference excursion 28th June 2023

The mid-conference excursion is included in the registration fee. Wednesday afternoon (just before lunch) we travel by bus from Copenhagen to Roskilde (about 30 min ride), one of the oldest cities in Denmark and the Viking age capital. Here we first enjoy a guided tour of Roskilde Cathedral ('Domkirke'), which is an impressive architectural gem that has been designated a UNESCO World Heritage Site. Sandwiches will be served during the bus ride. After the cathedral visit there is the possibility for a short individual sightseeing tour of Roskilde. Afterwards the bus takes us to the small peninsula "Risø" located just 6 km north of Roskilde. Here you may enjoy a guided tour of the luminescence laboratories of DTU Physics. After the laboratory visit there will be a small reception and a conference dinner at Risø. If you do not wish to attend the conference dinner (see below) we provide bus transportation back to Copenhagen before the start of the conference dinner. Those participating in the conference dinner will also be transported back to Copenhagen by bus.

Viking experience 28th June 2023

This optional activity will take place parallel to the guided tours of Roskilde cathedral and the Risø luminescence laboratories (see description of the "mid-conference excursion" above). It will include a guided visit to the Viking Ship Museum (<https://www.vikingskibsmuseet.dk/en/>), which houses 5 original Viking ships excavated in Roskilde Fjord in the 1960s, as well as an approximately 1.5 hr sailing experience in Roskilde Fjord in reconstructed full-size Viking ships. Everyone on board takes part in rowing, setting the sail and other 'sailor's work'.

Conference dinner 28th June 2023

The optional conference dinner is held on Wednesday 28th June at the Risø Campus. A three-course dinner and drinks are included in the fee. Please be sure to state any dietary requirements/allergies when registering for this event. The venue for the next LED conference will be announced at the dinner.

Post-conference field trip 30th June – 2nd July 2023

In this optional 2.5 day post-conference field trip we take you to the beautiful west coast of Jutland in an eco-friendly manner, i.e. by train. We will explore coastal cliffs, dunes and the beaches of the Wadden Sea area under the expert guidance of Dr Mikkel Fruergaard from the University of Copenhagen. Many locations that we will visit have been dated using quartz SAR OSL and the results will be discussed during the field trip. Start: 30/06/2022 at ~15:00 from Copenhagen Central station. End: 02/07/2022 at ~21:30 at Copenhagen Central station.

There will be the possibility to taste some of the local cuisine (e.g. smoked fish + schnaps) and to learn about the history and Viking culture in this part of the world. The price includes all transportation, hotel and food costs (except dinner on Saturday and Sunday evening).

The maximum number of participants is 29. In case we have less than 12 participants, the post-conference field trip will not take place and you will be reimbursed.



17th International Conference
on Luminescence and
Electron Spin Resonance Dating
26-30 June 2023, Copenhagen, Denmark

Proceedings

Proceedings of both oral and poster presentations will be eligible for peer-reviewed publication in Quaternary Geochronology and Radiation Measurements (limited to one first-author paper per registered participant). Please note that we will not provide printed issues of the conference proceedings.

Local organizing committee

- Jan-Pieter Buylaert
- Pia Lone Elhauge
- Vicki Hansen
- Mayank Jain
- Myungho Kook
- Merete Holmegaard Larsen
- Bent Lauritzen
- Karsten Bracht Nielsen
- Tue Strange Nygaard
- Kristina Jørkov Thomsen

We look forward to welcoming you all in Copenhagen in June 2023!

