



Special Interest Group:
Thermal Issues
 13th - 14th March 2024

Park Plaza Eindhoven,
 The Netherlands



Dear delegates,

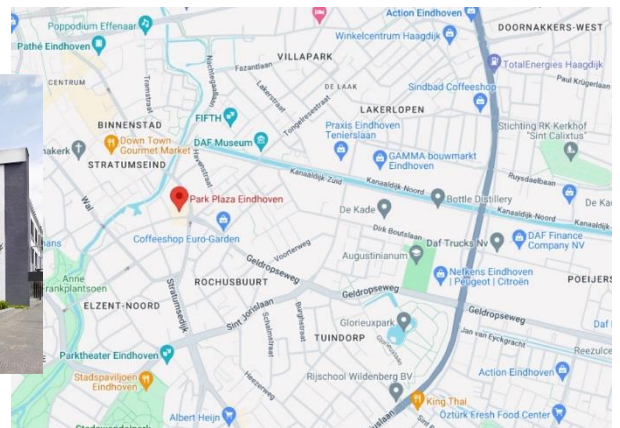
We very much look forward to welcoming you to euspen's Special Interest Group meeting on Thermal Issues which will take place at The Park Plaza, Eindhoven from Wednesday 13th – Thursday 14th March 2024.

To help you with your planning, we have provided a summary of key information for the meeting. For any questions, please contact info@euspen.eu.

Meeting Location

Address:

Park Plaza Eindhoven
 Geldropseweg 17
 5611 SC Eindhoven
 Netherlands



Click on map to expand image

Further information can be found on the venue, travel and social [webpage](#).

Registration



Registration will take place on **Wednesday 13th March** from **08:15 – 09:00**. Upon registering you will be given your delegate badge and meeting programme. We kindly request that you return your delegate badge at the end of the meeting.

Programme

The full meeting [programme](#) is available on the event webpage and a summary of the day's events are detailed below. Please note that all times are shown in Central European Time (CET).

Date	Programme Summary	Time (CET)
Wednesday 13 th March	Meeting: Day 1	
	<ul style="list-style-type: none"> - Keynote & oral presentations - Discussion sessions - ASML Company Tour - Networking dinner 	09:00 – 18:00 18:30 – 21:30
Thursday 14 th March	Meeting: Day 2 <ul style="list-style-type: none"> - Keynote & oral presentations - Discussion sessions 	09:00 – 13:30

Keynotes

<u>Keynotes</u>	
Wednesday 13th March 09:20 – 09:50	 Zafer Turhan <i>ASML, NL</i> “Next Phase in ASML’s Digital Engineering: Modular-Swift-Precision Modelling”
Thursday 14th March 09:00 – 09:30	 Prof. em. Dr. Konrad Wegener <i>ETH Zürich, CH</i> TBC

Oral Presentations

A detailed timetable of all oral presentations can be found on the meeting [programme](#). Questions will be taken during the discussion sessions.

Discussion Sessions

The discussion sessions will be an opportunity for delegates to ask the oral presenters questions and enter into open discussion around state-of-the-art practice, key research, and developments. These sessions will be facilitated by the oral session chair.

Abstracts

All abstracts can be accessed via the proceedings section of the [euspen knowledge base](#) from **Friday 8th March 2024**. Please select ‘SIG : Thermal Issues’ from the event drop down to access these documents.

Exhibitors

Cranfield Precision



Founded in 1968 at Cranfield University, Cranfield Precision is now part of the Fives group of companies.

Fives is headquartered in Paris and has around 8000 employees worldwide. We specialise in the design and development of diamond turning and grinding machines for a wide range of industries.

Our standard range of machines includes:

- TTG350: A unique, patented machine for the grinding of spheres, aspheres and freeforms up to 350 mm diameter.
- A recent development of the TTG machine uses its inherent flexibility and stability to enable the economic manufacture of high and ultra precision bearings races.
- OGM (Off axis Grinding Machine): For freeform optical components up to 2 m diameter
- EcoR1664: A diamond turning machine custom designed for the manufacture of ultra precision drums used in the manufacture of optical films.

In 2019, Cranfield Precision became the R&D centre for the Grinding-Ultra Precision group, which has around 800 employees. For more information, visit: www.fivesgroup.com

Networking Dinner

The evening networking dinner will be held on **Wednesday 13th March** from **18:30 – 21:30** at the **Kazerne Bar & Restaurant**.

Address: Kazerne, Paradijslaan 2-8, 5611 KN Eindhoven, The Netherlands

Travel Information: Coach transport from the company tour to the restaurant will be provided. Delegates not attending the ASML company tour should make their own travel arrangements to the restaurant.

As the networking dinner will be held in the city centre return transport will not be provided. Delegates will be required to make their own travel arrangements after the networking dinner has finished.



ASML Company Tour

The ASML company tour will take place on **Wednesday 13th March** from **16:00 – 17:30**.

Delegates who have registered to attend the company tour will travel to Veldhoven to visit ASML; an innovation leader in the semiconductor industry.

During this visit you will be taken to the ASML Experience Centre where stories around semiconductors and ASML products will be presented in digital and physical form. The tour will start with the ASML Patent and Fellow wall where you will receive a sneak peek into ASML's history. Videos about ASML introduction and Chip Production Process will be shown, with some of these videos being in 3D form; watched with 3D glass.



You will also be given the opportunity to have a look at the ASML product portfolio on EUV, DUV, Metrology and Inspection system solutions. The tour will allow you to see some of the main building blocks of the ASML machines, like wafer table, collector mirror, Laser Amplifier, Reticle Masking unit and Wafer Handling System etc.

Interesting facts will be shared via an interactive screen, about how colleagues work and collaborate at ASML, about ASML 'Open Innovation thinking' and how sensitive their systems are.

The visiting group will be divided into groups of 15; each of which will have their own ASML host.

IMPORTANT TOUR INFORMATION

1. For security purposes tour delegates **MUST** have valid photographic ID before entry to the premises is permitted. A full list of delegates will be sent to ASML on Wednesday 6th March 2024. If you try to join the tour after this date, euspen/ASML cannot guarantee your place.
2. A visitor badge will be provided when delegates arrive at ASML; this **MUST** be worn at all times when while on ASML premises.
3. Taking photos on ASML premises is **NOT** allowed.
4. Transport to and from the tour will be provided. Return transport will be to the Kazerne Bar & Restaurant where the networking dinner will be held.

On behalf of the euspen team and the organising committee, we wish each of you a pleasant and safe journey and look forward to meeting you in Eindhoven.