



Tribology of the low countries, 25 & 26 April 2024, University of Twente, the Netherlands

The Tribology section of the Dutch “Bond voor Materialenkennis” invites you to a new edition of the “Tribology in the Low Countries” symposium. You will have the unique opportunity to learn about the latest research in the field of tribology, conducted by both academic and industrial research groups in the Netherlands and Belgium during the 2-day symposium, across three modules.

The first module focuses on the “green tribology”, i.e., the role of tribology in sustainable development. This module will highlight developments in tribology and eco-friendly lubrication in the field of renewable energy, including talks from the industrial experts. The second module encourages participants to socialize and connect with their ongoing research through poster sessions, lab tours, and demos. We will have the chance to be acquainted with ongoing innovations in student teams at University of Twente. We will conclude the day with a fascinating networking event and dinner. The second day and the final module is dedicated towards the ongoing academic research in the Netherlands and Belgium and includes research pitches and interactive workshops on a diverse topic in tribology.

The venue is **U Parkhotel**, a modern hotel on the University of Twente campus. It is 4 kilometres from Enschede central station and city centre and 2 kilometres from the Kennispark railway station located on the iconic FC Twente stadium. The city of Enschede, much like the campus of University of Twente, is a blend of greenery and modern infrastructure.



UNIVERSITY OF TWENTE.

Surface Technology and Tribology



Programme

Day 1: Thursday April 25 2024

Module 1: Workshop on 'Green Tribology' by industry experts

Location: U Parkhotel

08:45	Doors open Coffee and registration
09:20	Matthijn de Rooij, University of Twente Opening
09:30	Rihard Pasaribu, Shell "Lubricating" the energy transition and decarbonization efforts
10:00	Arnoud Reininga, RTD, SKF How SKF integrates university collaboration in the engineering value chain
10:30	Coffee break
11:00	Eric Romeijn/ Ir. Lucas Boontjes/ Dr. Aleks Vreck, Huismann The unknown biggest bearing manufacturer of the world
11:30	Jaco Nies, GE Vernova Tribological aspects of wind turbines

12:00	Lunch
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Module 2: Interactive and networking sessions

Location: De Horst -OH113

13:00 –16:00	Parallel interactive sessions
GROUP 1	Poster session
GROUP 2	Labs visit: Surface Technology and Tribology
GROUP 3	Demo: Electric Superbike Twente - Racing of tomorrow starts today!

16.00	Board meeting Dutch and Flemish Tribology association HR Z203
17:00	

18.00	Dinner and poster awards ceremony U Parkhotel
21.00	Day 1 Closure

Day 2: Friday April 26 2024

Module 3: Workshop on ongoing academic research in Tribology.

Location: U Parkhotel

09:00	Matthijn de Rooij, University of Twente Opening day 2
09:10	5 PhD pitches
10:10	Coffee break
10:30	Dieter Fauconnier , Ghent University Multi-scale modelling of TEHL: from molecular to continuum scale
11:15	5 PhD pitches

12:30	Lunch
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13:30 – 15:00	PhD workshop , Young tribologists of German association of Tribology De Horst- OH113
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How to come to University of Twente ?

[U Parkhotel](#) is very easy to reach. If you come by car, there is a public parking with the hotel as well as visitors parking P1 – P3 in the University campus. For those who come by public transport, you can use bus line number 1 to reach the hotel from Enschede central station (20 minutes) and from Kennispark station (12 minutes). [De Horst building](#) is a 10 minutes' walk from the U Parkhotel and can also be reached by bus line number 1 or 9 from Enschede Central Station. Those who like to spend the night in Enschede can use one of the many hotels like:

- U Park hotel Enschede
- Intercity hotel Enschede
- Van der Valk Hotel Enschede
- Fletcher Hotel-Restaurant De Broeierd-Enschede

Registration

Please register at: <https://forms.gle/HewDM2AwUgUhCxAL8>

Registration deadline: April 8th 2024



Contact: Bond voor Materialenkennis – sectie Tribologie



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<https://www.utwente.nl/en/et/ms3/research-chairs/stt/>

Costs:

Day 1 only, including dinner	€ 200,-
Full conference	€ 350,-
Discount: PhD students day 1+2	€ 250,-
Discount: Members BvM	€ 300,-
Discount: Members BvM and Tribology section	€ 250,-
Discount: MSc students	Free