

Dear member of the Society of Materials Science,

On **Friday 21 April 2023**, we have organised a **Biotribology Workshop** in the afternoon. We would like to cordially invite you to attend this meeting of the Tribology Section.

Tribology is everywhere. Duncan Dowson, perhaps the most important tribologist of the last 50 years, made that clear in a lecture during the Leeds-Lyon Symposium on Tribology in 2008, entitled: "A tribological day". In it, he describes experiences of everyone, every day, without them being aware of it. And these are mainly in the broad field of biotribology.

Tribology is concerned with systems, where parts are in contact, and the contacts move. For biotribology, these are biological systems. There are countless examples of them. Think of joints of hip, knee, and shoulder, contact of the skin when bathing and showering, combing hair, shaving, contact of the finger with all kinds of materials, shoes, teeth, tongue feeling, eye lubrication, contact lens lubrication. Usually, the movement of natural contacts is accompanied by wonderfully low friction and very little wear and tear. There is much to be learned from nature.

We have found leading experts willing to lecture during the workshop. The presentations will be given in English. There will be room for discussion after each lecture.

#### Details on time and location

- Friday 21 September 2023
- 13.00 - 17.30 hrs.
- in Bavel (near Breda) at Korenmolen de Hoop, Schoutenlaan 75, tel. 0161-432491  
<https://www.korenmolendehoop.nl>

#### Programme of this workshop

- 13:00 hrs opening by a board member of the section
- 13:05 hrs Marc Masen (Imperial College, London): Tribology and taste of chocolate
- 14:00 hrs Prashant Sharma (University of Groningen): Cartilage tribology and osteoarthritis
- 14:45 hrs break/pause
- 15:15 hrs Els de Hoog (NIZO Food Research): Tribology as a screening tool to optimise mouth feel of food products
- 16:00 hrs Daniel Bonn (University of Amsterdam): Why is ice so slippery?
- 16:45 hrs drink/networking
- 17:30 hrs closure/closing

#### Fee

- for non-members of the BVM: € 100 (excl. VAT)
- for members of the BVM: € 75,= (excl. VAT)
- for members of the Section of Tribology: € 50,= (excl. VAT)

#### Registration

You can register by e-mail until 18 April 2023 at the latest: [info@bondvoormaterialenkennis.nl](mailto:info@bondvoormaterialenkennis.nl). Please include the address to which the bill should be sent and whether you are a member of the Section and/or the Union.

#### Cancellation

Absence from the meeting without prior written cancellation no later than 24 hours before the meeting will incur the full participation fee.

We hope to meet many of you in Bavel on the 21<sup>st</sup> of April.

On behalf of the Board of the Tribology Section in the Society for Materials Science,  
Harry van Leeuwen  
secretary