

## THE EPFL FOUR SEASONS OF TRIBOLOGY

Tribology is the science and engineering of interacting surfaces in relative motion. Tribology is a key factor to successfully address new challenges related to the durability, performance, efficiency and sustainability of a number of strategic applications. Especially relevant for Switzerland, is the demand for more efficient micro/nano systems, bio-engineering interfaces and in the related manufacturing processes.

These seminars address specific advanced tribology topics for a broad audience of engineers and scientists from academia and industry. The speakers are recognized specialists and will discuss, after a broad introduction to the subject, scientific challenges and technical opportunities in the specific topic.

29<sup>th</sup> April 2024

**Prof. M. Wimmer**  
*Rush University*  
**Tribology of soft matter**

12<sup>th</sup> Sept. 2024

**Prof. J. Cayer-Barrioz**  
*Ecole Centrale Lyon*  
**Mécanismes de  
lubrification : passé,  
présent et futur**

20<sup>th</sup> Nov. 2024

**Prof. G. Colas**  
*CRNS FEMTO-ST Institute*  
**Tribologie à travers les  
échelles en lubrification  
solide**

20<sup>th</sup> Jan. 2025

**Prof. M. Rodriguez-Ripoll**  
*AC2T Austria*  
**Wear reduction strategies:  
an industrial prospective**

**EPFL (Lausanne), MXF-312; from 14:00 to 16:00**

Presentations will be followed by an informal discussion among participants

Free entrance; Limited to 25 participants

For the registrations, simply send an e-mail to [anna.igualmunoz@epfl.ch](mailto:anna.igualmunoz@epfl.ch)

More information at: <https://www.epfl.ch/labs/tic/>

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