



## 7<sup>th</sup> WORLD TRIBOLOGY CONGRESS SEPTEMBER 5-10, 2021

### FIRST ANNOUNCEMENT

Tribology has a major role to play in the important issues of the day, in terms of energy, sustainability, health, and environmental concerns.

The **7<sup>th</sup> World Tribology Congress** in 2021 will be an opportunity to bring together a large scientific community to promote international exchange and collaboration. This international event will

**i) highlight recent important progress** in many fields of Tribology, which are very complex due to their multidisciplinary and multiscale features; **ii) challenge our limits** concerning the control and tuning of tribological systems; **iii) ensure the effective transfer of these skills to specific applications**, including biomedical, transport, and manufacturing processes; and **iv) integrate environmental issues** into the societal challenges that tribology research faces.

These challenges will be tackled through the following ten scientific themes:

1. Interfacial flow and thin film lubrication
2. Wear of materials
3. Fundamentals of friction
4. Contact mechanics
5. Tribo-induced surface chemical and mechanical transformations
6. Multiscale approaches for multiphysics modelling and in situ experiments in tribology
7. Surface engineering in tribology
8. Biotribology, biomimetics
9. Tribology in manufacturing processes and industrial systems
10. Tribology to face the education and societal challenges

The **48<sup>th</sup> Leeds Lyon Symposium on Tribology** will be held in conjunction with WTC 2021.

Any contribution is welcome from **March 2020** through the WTC 2021 website. Selected papers will have the opportunity to be published in peer-review journals of Tribology.

At last, this conference will be a great chance to discover the city of Lyon!

We look forward to welcoming you at WTC 2021!

Philippe VERGNE & Philippe KAPSA  
General Chairs

**Abstract Submission:**  
Opening: March 2020

[www.wtc2021.org](http://www.wtc2021.org)

**Early-Bird Registration:**  
Opening: September 2020

For any other information, feel free to contact us:

> General information: [contact@wtc2021.org](mailto:contact@wtc2021.org)

> Sponsorship & Exhibition: [sponsor@wtc2021.org](mailto:sponsor@wtc2021.org)

