

TRIBO - PPRIME 20th Workshop

October 7 & 8, 2021 | IFMI - FUTUROSCOPE



We are happy to invite you to come back in Poitiers for this 20th edition (if the sanitary conditions associated with the Covid 19 pandemic allow it) either as presenter or participant. This edition will be held for the first time in both physical and virtual modes. We promise this year a very special edition with a great Gala on October 7 for the occasion of the 20th edition but also for Michel Fillon's last workshop before retirement!

The theme of this 20th Workshop will be:

HIGH PERFORMANCE MATERIALS FOR JOURNAL AND THRUST BEARINGS

This workshop is primarily intended to provide an opportunity for researchers and practitioners from Industry and Academia to gather and share their knowledge regarding high performance materials for sliding bearings.

The conferences shall offer to the participants the opportunity to study the latest contributions on this subject and to identify the problems met by industrials by favouring a common approach. This event is organized by the Mechanical Engineering and Complex Systems department of the Pprime Institute (UPR 3346, CNRS-Université de Poitiers-ISAE-ENSMA). Furthermore, the workshop is organized under the auspices of the French section of the ASME and of AFM.

KEYNOTE SPEAKER

DR YI ZHANG

Ph.D, Manager of research and development department within European Technical Centre
Daido Metal Co. Ltd, European Technical Centre (UK)

MAIN TOPICS

- New materials for advanced bearings
- Resistance of the coatings during the start-up and shutdown phases
- Performance of high temperature polymer coatings
- Static and dynamic behavior of bearings in degraded situations (scratches, starvation, diphasics, etc.)
- Multiphysics coupling: dynamic and thermal behavior
- Health indicators and new monitoring techniques for bearings
- Industrial experience feedback
- Condition monitoring, ...

ORGANISING COMMITTEE

- L. ARTUS - Secretary
- A. BLOUIN - Associate Professor
- J. BOUYER - Associate Professor - Chair
- N. BRUNETIÈRE - CNRS Senior Scientist - Vice Chairman
- P. JOLLY - Research Engineer
- J. LE ROUZIC - Associate Professor

SCIENTIFIC COMMITTEE

- M. ARGHIR - Professor
- O. BONNEAU - Professor
- J. BOUYER - Associate Professor - Chairman of the scientific committee
- N. BRUNETIÈRE - CNRS Senior Scientist
- A. FATU - Professor
- M. FILLON - CNRS Director of Research
- Y. HENRY - Associate Professor
- M. JARRAY - Associate Professor
- P. JOLLY - Research Engineer
- J. LE ROUZIC - Associate Professor
- D. SOUCHET - Professor

KEYNOTE DATES

- | | |
|--------------------|--------------------------------------|
| JUNE 18, 2021 | ABSTRACT SUBMISSION |
| JULY 2, 2021 | NOTIFICATION OF ACCEPTANCE |
| JULY 23, 2021 | PAPER SUBMISSION (6 TO 10 PAGES) |
| JULY 23, 2021 | DEADLINE FOR EARLY BIRD REGISTRATION |
| SEPTEMBER 23, 2021 | DEADLINE FOR REGISTRATION |

CONTACTS

J. BOUYER : +33 5 49 49 65 37

L. ARTUS : +33 5 49 49 65 01

tribopprime2021@sciencesconf.org



ABSTRACTS AND PAPERS TO BE SUBMITTED
ON THE WORKSHOP WEB SITE:

[HTTPS://TRIBOPPRIME2021.SCIENCESCONF.ORG/](https://tribopprime2021.sciencesconf.org/)