

TRIBO - PPRIME 19th Workshop

October 15, 2020 | FUTUROSCOPE

SEALING CHALLENGES IN SUSTAINABLE APPLICATIONS



This workshop is primarily intended to provide an opportunity for researchers and practitioners from Industry and Academia to gather and share their knowledge regarding sealing systems for sustainable applications such as wind turbines, hydrogen, sealing, CO2 sealing or electric vehicles.

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-ISAIE-ENSMA). Furthermore, the workshop is organised under the auspices of the French section of the ASME and of AFM.

MAIN TOPICS

- Green solutions for dynamic seals
- Seals for hydrogen and carbon dioxide
- Seals for EV, wind turbines and tidal turbines
- Lifetime prediction of seals
- Lubrication systems for seals
- Leakage reduction
- Friction reduction
- New materials and green materials
- Surface texturing and coating
- Mechanical seals, elastomeric seals, non-contacting seals, static seals
- Modelling and experiments
- Condition monitoring, ...

KEYNOTE SPEAKER

PROF. JOICHI SUGIMURA

Professor in machine design
Kyushu University, JAPAN

ORGANISING COMMITTEE

PPRIME

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

SCIENTIFIC COMMITTEE

PPRIME

- M. ARGHIR - Professor
- O. BONNEAU - Professor
- J. BOUYER - Associate Professor
- N. BRUNETIÈRE - CNRS Senior Scientist
- A. FATU - Professor - Chairman of the scientific committee
- 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

MAY 30, 2020	ABSTRACT SUBMISSION
JUNE 10, 2020	NOTIFICATION OF ACCEPTANCE
JULY 10, 2020	PAPER SUBMISSION (8 TO 12 PAGES MAXI.)
JULY 20, 2020	DEADLINE FOR EARLY BIRD REGISTRATION
SEPTEMBER 20, 2020	DEADLINE FOR REGISTRATION

CONTACTS

N. BRUNETIERE : +33 5 49 49 65 31

L. ARTUS : +33 5 49 49 65 01

tribopprime2020@sciencesconf.org

Fax : +33 5 49 49 65 04



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

[HTTPS://TRIBOPPRIME2020.SCIENCESCONF.ORG/](https://tribopprime2020.sciencesconf.org/)