

TRIBO-PPRIME - 23ND WORKSHOP

SEALS FOR GREEN POWER GENERATION

OCTOBER 17, 2024 | FUTUROSCOPE



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 in green energy applications such as wind turbines, hydrogen production, and transport or nuclear power generation.

The conference 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) in collaboration with the Technical Centre for Mechanical Industries (CETIM) with the support of the National Center of Spatial Studies (CNES). Furthermore, the workshop is organized under the auspices of the French section of the ASME and of AFM.

MAIN TOPICS

- Dynamic seals for green power generation
- Seals for hydrogen and nuclear applications
- Seals for EV, wind turbines and tidal turbines
- Lifetime prediction of seals
- Lubrication systems for seals
- Leakage reduction and 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

DR. MICHEL LÉPINE

Mechanical Engineer and expert in seals
 FRAMATOME, JEUMONT, FRANCE

ORGANISING COMMITTEE

INSTITUT PPRIME

- L. ARTUS - Secretary
- A. BLOUIN - Associate Professor
- J. BOUYER - Associate Professor - Vice Chairman
- N. BRUNETIÈRE - CNRS Senior Scientist - Chairman
- A. FATU - Professor
- P. JOLLY - Research Engineer
- Y. HENRY - Associate Professor

CETIM

- L. AMAMI - Research Engineer
- E. FOURT - Research Engineer

SCIENTIFIC COMMITTEE

INSTITUT PPRIME

- M. ARGHIR - Professor
- J. BOUYER - Associate Professor
- N. BRUNETIÈRE - CNRS Senior Scientist - Chairman of the scientific committee
- A. FATU - Professor
- Y. HENRY - Associate Professor
- M. JARRAY - Associate Professor
- J. LE ROUZIC - Associate Professor

CETIM

- L. AMAMI - Research Engineer
- A. MAOUI - Research Engineer
- F. LEFEBVRE - Scientific Advisor
- E. FOURT - Research Engineer

CNES

- G. FIORE - Research Engineer

IMPORTANT DATES

MAY 24, 2024	ABSTRACT SUBMISSION
JUNE 7, 2024	NOTIFICATION OF ACCEPTANCE
JULY 26, 2024	PAPER SUBMISSION (6 TO 10 PAGES MAXI.)
JULY 26, 2024	DEADLINE FOR EARLY BIRD REGISTRATION
SEPTEMBER 20, 2024	DEADLINE FOR REGISTRATION

CONTACTS

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

[HTTPS://TRIBOPPRIME2024.SCIENCESCONF.ORG/](https://tribopprime2024.sciencesconf.org/)