

# 17<sup>th</sup> EDF - PPRIME Workshop

October 4, 2018  
EDF - PARIS SACLAY

## GREEN SEALING: HOW TO COMBINE BOTH LOW LEAKAGE AND LOW FRICTION

This workshop is primarily intended to provide an opportunity for researchers and practitioners from Industry and Academia to gather and share their knowledge regarding the reduction of environmental impacts thanks to innovative sealing systems.

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 the result of collaboration between the Electricité de France and the Département Génie Mécanique et Systèmes Complexes of the Institut Pprime (UPR 3346, CNRS-Université de Poitiers-ISA-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,
- 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.

### ADDITIONAL INFORMATION

- The manuscript should be written in English,
- The conference language is English, preferably without simultaneous translation,
- The presentation of contributions will consist in oral communications (30 minutes including large discussions).

### INFORMATION AND CONTACT

Noël BRUNETIÈRE: +33 5 49 49 65 31

Laurence ARTUS: +33 5 49 49 65 01

Email: [edf-pprime-2018@sciencesconf.org](mailto:edf-pprime-2018@sciencesconf.org)

### KEYNOTE SPEAKER

**DR. KLAUS LANG,**

Group Leader Software,  
Research & Development,  
EagleBurgmann Germany GmbH & Co. KG.

### SCIENTIFIC COMMITTEE

#### PPRIME

ARGHIR M., *Professor*  
BONNEAU O., *Professor*  
BOUYER J., *Associate Professor*  
BRUNETIÈRE N., *CNRS Researcher*  
FATU A., *Professor*  
FILLON M., *CNRS Director of Research*  
HENRY Y., *Associate Professor*  
JOLLY P., *Research Engineer*  
LE ROUZIC J., *Associate Professor*  
SOUCHET D., *Associate Professor*

#### EDF R&D

BEAURAIN J., *Research Engineer*  
GATIGNOL S., *Research Engineer*  
GUY V., *Research Engineer*  
HASSINI M.A., *Research Engineer*  
HÉLÈNE M., *Research Engineer*

### ORGANISING COMMITTEE

#### PPRIME

ARTUS L., *Secretary*  
BLOUIN A., *Associate Professor*  
BOUYER J., *Associate Professor*  
BRUNETIÈRE N., *CNRS Researcher - Chairman*  
FILLON M., *CNRS Director of Research*  
JOLLY P., *Research Engineer*

#### EDF R&D

GUY V., *Research Engineer*

### KEYNOTE DATES

June 13, 2018 ..... Deadline for abstract submission  
June 25, 2018 ..... Notification of acceptance  
July 10, 2018 ..... Deadline for paper submission (maximum 8 to 12 pages)  
July 20, 2018 ..... Deadline for early bird registration  
September 20, 2018 ..... Deadline for registration

Abstracts and papers to be submitted directly on the  
workshop web site: <http://edf-pprime-2018.sciencesconf.org>

