



Surface Wettability Effects on Phase Change Phenomena

# SWEP WORKSHOP

17<sup>th</sup> – 18<sup>th</sup> May 2018

SAVE THE  
DATE

We are very glad to announce that we are launching the first workshop SWEP “Surface Wettability Effects on Phase Change Phenomena” in Brighton, UK. The workshop will start at 2pm on Thursday 17 May and terminates early in the afternoon of Friday 18 May.

The workshop aims at providing a forum for researchers to exchange knowledge on two-phase flows experiments, modeling and simulation, to discuss with worldwide experts their current research, and to propose a better comprehension on the effect of surface wettability on phase-change phenomena.

Specific topics include (but are not limited to):

- Experimental techniques to measure the variation of phase change phenomena in presence of a surface with different wettability.
- Modeling of the effect of wettability on boiling
- Molecular dynamics simulations of phase change phenomena
- Mesoscale phenomena
- Mathematical models and computational techniques for phase change processes

Eight invited lecturers will give stimulating lectures on various topics related to SWEP. They will offer a panoramic view of the field and on the most recent results.

## ABSTRACTS

We invite you to submit abstracts presenting the results of your original research in the area of experiments, modeling and simulation of wettability effects. The accepted abstracts will be included in a poster session during the workshop.

- **Abstract submission is 28 February 2018**
- **Acceptance of the abstract 15 March 2018**
- **Submission of the final abstract and early bird payment 30 March 2018**

## WORKSHOP CHAIRS

Prof. Marco Marengo

Prof. Joel De Coninck

## REGISTRATION AND COSTS

Early bird registration    £300

Regular registration    £350

The fee includes the venue, a social dinner, one night hotel accommodation, coffee breaks and lunches. Number of participants will be a minimum of 20 and a maximum of 50.

**To register your interest in this event, please email [southcoastevents@brighton.ac.uk](mailto:southcoastevents@brighton.ac.uk) to be added to the conference mailing list and be notified once registration opens.**