



MICROMAST
2016 SPRING SCHOOL
on fundamentals of
surface tension
and wetting

16 / 05
20 / 05

ULB
Brussels
Belgium

TOPICS AND SPEAKERS

Basics of surface tension

P. LAMBERT AND
D. SEVENO

Wetting fundamentals: statics

J. DE CONINCK AND
P. COLINET

Wetting fundamentals: dynamics

J. DE CONINCK
P. COLINET AND
E. REYSSAT

Wetting in various geometries

D. SEVENO

Self - similarity in problems involving surface tension

J. SNOEIJER

Advanced experimental tools

J. VERMANT AND
S. DEHAECK

Advanced questions on capillarity GENERAL DISCUSSION

Smart wetting

J. DE CONINCK

Capillary effects in nature

T. GILET

More than 200 years ago, Young and Laplace derived from macroscopic arguments the basic equations describing the equilibrium configuration of partially wetting liquids. Starting about 50 years ago, the dynamics of wetting became of central interest. Nowadays, many fundamental questions still remain unresolved, however. Young's equation, for example, has been validated at the microscopic scale only recently. This Spring School will be devoted to such fundamental questions in interfacial science and capillary phenomena, with a view to industrial applications.

It is designed for young students starting a PhD or researchers working or interested by the field. Its aim is to provide state-of-the-art lectures and to discuss the basics of the field in an integrated manner. Participants will have the opportunity to present their works or problems to exchange ideas. This Spring School is organized in ULB (Brussels, Belgium) by the Belgian thematic network on Microfluidics and Micromanipulation (IAP 7/38 Micromast).

Capillary effect in microfluidics

B. SCHEID AND
T. GILET

Applications of surface tension in μ -manipulation

P. LAMBERT

Super - hydrophobic states

S. DORBOLO

Applications in industry

Advanced numerical tools

B. SCHEID AND
D. SEVENO

LOCATION

The Spring School will be held at

Brussels School of Engineering
/Université Libre de Bruxelles/

SOLBOSCH CAMPUS
building U / door B / level 4
auditorium UB4.136

The fee does not include the lodging.
For the hotels, we recommend the
following ones, some of them located
nearby the University.



Through our official
housing partner, the
Brussels Booking
Desk, we provide
reduced hotel rates
for the 2016 Spring
School.



Official Hotel Event Rates
will begin to expire on
Monday, April 4th, 2016.

ORGANIZERS

PROF. JOËL DE CONINCK
PROF. PIERRE COLINET

LOCAL ORGANIZERS

PROF. PIERRE LAMBERT
MRS. LAURE BODENGHEN
DR. YOUEN VITRY

A map of the Solbosch
campus together with access
information can be found
HERE



REGISTRATION

REGISTRATION FEE	BEFORE APRIL 15th	AFTER APRIL 15th
PhD Student	300 €	350 €
Post - doctoral researcher	350 €	400 €

Information about the payment procedure will be available soon on the School web site.

For cancellations received by April 15th, the participation fee will be reimbursed less a processing charge of 50 €. After this date, no reimbursements can be made. However, it is still possible to nominate a replacement.

Full information about the registration procedure is available at <http://school16.ulb.ac.be>

Deadline for the early bird registration is April 15th, 2016.

MORE INFO AT

school16.ulb.ac.be
micromast.school2016@ulb.ac.be