



ECS 23

EUROPEAN COATING SYMPOSIUM PARIS

15th ECS in France - Paris

September 12th - 15th, 2023

Advances in Coating & Drying of
Thin Films, Smart Coatings & Materials



<https://ecs2023.sciencesconf.org/>

Welcome to the 15th European Coating Symposium

Since 1995, the European Coating Symposium (ECS) brings together researchers from academia and industry to share and discuss advancements in liquid film coating science and related processes, from both fundamental issues of coatings (wetting, drying) and new applications including cosmetics, biomedical processes or art conservation,... The ECS Symposium is held biannually, alternating with the International Symposium of Coating Science and Technology (ISCST).

ECS2023 is organized jointly by laboratories MSC (Matière et Systèmes Complexes), Université Paris Cité and FAST (Fluides, Automatique et Systèmes Thermiques), Université Paris-Saclay.

The ECS2023 will host distinguished keynote speakers and contributed talks from academia, research institutes and industry, as well as poster sessions and exhibition stands. Moreover, the ECS2023 will host a pre-conference training lectures around the following topics: coating operations, wetting, drying, adhesion, interfaces. The courses will take place on Tuesday 12th September, at the University Paris Cité as well as the meeting itself.

Topics of Scope

- Challenges in coating processes
- Machine Learning for Coating Technologies
- Fundamentals in wetting, wetting dynamics
- Fundamentals in Film Drying, Diffusion, Heat & Mass Transfer
- Free surface flows
- Additives Manufacturing
- Adaptive Coating Control
- Paints, Varnishes, Adhesives
- Freezing contact line, icing, anti-icing coatings, condensation
- Digital Printing, Ink Jet Technology
- 3D Lithographic Printing and Additive Manufacturing
- Liquid Drop Jetting and Aerosol Printing Technologies

Invited Speakers

- Odile Aubrun, *L'Oréal R&I, France*
- Rémi Deleurence, *Saint Gobain Recherche, France (to be confirmed)*
- François Gallaire, *Ecole Polytechnique Fédérale de Lausanne, Switzerland*
- Alex Routh, *Cambridge University, England*
- Thomas Séon, *CNRS-Sorbonne Université, France*
- Jacco Snoeijer, *University of Twente, The Netherlands*
- Doris Vollmer, *Max Planck Institute for Polymer Research, Germany*

Call for Abstracts: Extended Deadline

Attendees who wish to present their work as an oral presentation or in a poster are requested to submit an abstract to <http://ecs2023.org/> in PDF or Word format (1 page), following the provided template. The deadline for abstract submission has been set to April 28th 2023.

The ECS Scientific Committee will review and select contributors for oral presentations and posters. After acceptance of the abstract, communicated by June 2023, you will be asked to submit an extended abstract (3 or 4 pages) before July 2023.

Special JCTR Issue

A special issue in the Journal of Coatings Technology and Research (JCTR), edited by Prof. H. Benkreira, will be Dedicated to the ECS2023. This issue will feature selected papers presented at the ECS2023. Authors who wish to publish their selected contribution as a journal article will be asked to submit a full manuscript before December 1st, 2023.

Those papers will undergo the same journal refereeing process as for other papers submitted to JCTR.

Scientific Committee

- Hadj Benkreira, *University of Bradford, United Kingdom*
- Robert Beer, *WFAg Polytype, Switzerland*
- Jean-Marie Buchlin, *von Karman Institute, Belgium*
- Anton Darhuber, *Eindhoven University of Technology, Netherlands*
- Ike de Vries, *Holst Center, TNO, Eindhoven, Netherlands*
- Harald Döll, *TSE Troller, Switzerland*
- Daniel Eggerath, *FMP Technology GmbH, Germany*
- Phil Gaskell, *Durham University, United Kingdom*
- Anne Gosset, *University of A Coruña, Spain*
- Gilbert Gugler, *Iprint Institute, Fribourg, Switzerland*
- Tequila Harris, *Georgia Institute of Technology, USA*
- Wolfgang Haselrieder, *TU Braunschweig, IPAT, Germany*
- Kyung Hyun Ahn, *Seoul National University, South Korea*
- Frank Kleine Jäger, *BASF SE, Ludwigshafen, Germany*
- Satish Kumar, *University of Minnesota, United States*
- Laurent Limat, *CNRS and Université Paris Cité, France*
- Ta-Jo Liu, *National Tsing Hua University, Taiwan*
- Miguel Mendez, *von Karman Institute, Belgium*
- Max Mueller, *Roche Diabetes Care, Mannheim, Germany*
- Jaekwook Nam, *Seoul National University, Korea*
- Ludovic Pauchard, *CNRS and Université Paris-Saclay, France*
- Alex Routh, *Cambridge University, United Kingdom*
- Wilhelm Schabel, *KIT, Karlsruhe Institute of Technology, Germany*
- Philip Scharfer, *KIT, Karlsruhe Institute of Technology, Germany*
- Benoit Scheid, *Université Libre de Bruxelles, Belgium*
- Peter Schweizer, *Schweizer Coating, Switzerland*
- David Seveno, *University of Leuven, Belgium*
- Martti Toivakka, *Abo Akademi University, Finland*
- Masato Yamamura, *Kyushu Inst. of Technology, Japan*

ECS 2023 Symposium Chairs

Laurent Limat, CNRS, lab MSC of Université Paris Cité
Ludovic Pauchard, CNRS, lab FAST of Université Paris-Saclay

Local Organization Team

Contact: contact@ecs2023.org

- Ludivine Allée, *Université Paris Cité*
- Philippe Brunet, *CNRS and Université Paris Cité*
- Adrian Daerr, *Université Paris Cité*
- Julien Dervaux, *CNRS and Université Paris Cité*
- Frédérique Giorgiutti-Dauphiné, *Université Paris-Saclay*
- Luc Lebon, *CNRS and Université Paris Cité*
- Laurent Limat, *CNRS and Université Paris Cité*
- Ludovic Pauchard, *CNRS and Université Paris-Saclay*
- Benoit Scheid, *Université Libre de Bruxelles*

Location On-Site

The Symposium, and the pre-Conference Training Course will be held on-site, at the Université Paris Cité, in Paris, Campus Paris Rive Gauche, 10 min walk from the Great Library François Mitterrand.



Pre-Conference Training Course

- Hadj Benkreira, *University of Bradford, England*
Coating operations: principles and operation
- Matteo Ciccotti, *ESPCI, France*
Adhesion, interface dynamics
- Lucas Goehring, *Nottingham Trent University, England*
Drying, colloids
- Laurence Talini, *CNRS, Saint Gobain, France*
Wetting on complex surfaces and with complex fluids

Social Activity

A dinner cruise will be organised on the Seine river.



Registration

<https://ecs2023.org/>

Registration Pre-Conference Training Course
(12 September 2023)
- Student: 150€
- Academic/Industry: 300€

Registration ECS 2023 Symposium
(13-15 September 2023)

Registration	Early Bird May 31, 2021	Late June 1, 2021
Industry	675€	900€
Academic	525€	700€
Student	300€	400€

Sponsoring

If you would like to sponsor the Symposium, or organise exhibition stands please contact us
Email: contact@ecs2023.org