

## Special Issue

# Contact Line Dynamics and Droplet Spreading

### Message from the Guest Editors

In this Special Issue we aim to explore the advances in the area of moving contact line dynamics and droplet spreading and their applications in biotechnology, micro-fluidics, nano-fluidics, printing and coating technologies, as well as heat transfer. Potential topics for submission in this Special Issue include but are not limited to:

- Progress in the current modeling of contact line dynamics;
- Application of contact line dynamics for development in biotechnology;
- Contact line dynamics in micro-fluidic devices;
- Contact line dynamics in drug delivery systems;
- Droplet spreading on hydrophobic, superhydrophobic and icephobic surfaces;
- Droplet evaporation on surfaces and its application in COVID-19 aerosol droplets on surfaces;
- Droplet spreading on face masks;
- Printed electronics;
- Coating technology;
- Micro/nano printing;
- Contact line dynamics of volatile and nonvolatile liquids;
- Machine learning and AI in contact line dynamics and droplet spreading.

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### Guest Editors

Dr. Alireza Mohammad Karim

Dr. Koji Hasegawa

Dr. Maurizio Santini

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### Deadline for manuscript submissions

closed (30 April 2025)



## Fluids

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## About the Journal

### Message from the Editor-in-Chief

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