

Session Program

7-11 Sept 2026



Free Boundary Problems 2026

Hydrodynamic Models with Moving Contact Lines

Humboldt Universität zu Berlin
Humboldt-Universität zu Berlin Unter den Linden 6 10099 Berlin

Wednesday 9 September

10:30

Hydrodynamic Models with Moving Contact Lines: MS-6-1

Session |

Location: HU (Main Building), Main building/Floor 1-Room 2094 - Lecture Hall, HU Berlin Main Building Unter den Linden 6 10117 Berlin |

Conveners: Hans Knüpfer, Lorenzo Giacomelli, Dr Dirk Peschka

10:30-11:00

Sharp-Interface Modeling of Dynamic Wetting with a Contact-Region Generalized Navier Boundary Condition

Speaker

Dieter Bothe

11:00-11:30

Dynamics of a 3d rimming-flow equation

Speaker

Christina Lienstromberg

12:00-12:30

Asymptotic behavior of solutions to the nonlinear degenerate PDEs describing evolution of thin viscous sheets

Speaker

Georgy Kitavtsev

12:30

14:00

Hydrodynamic Models with Moving Contact Lines: MS-6-2

Session |

Location: HU (Main Building), Main building/Floor 1-Room 2094 - Lecture Hall, HU Berlin Main Building Unter den Linden 6 10117 Berlin |

Conveners: Lorenzo Giacomelli, Dr Dirk Peschka, Hans Knüpfer

14:30-15:00

A Phase-Field Method for Curvature Flow of Networks with Triple Junction Drag

Speaker

Yuchuan Yang

15:00-15:30

Thermodynamically consistent discretization of the stochastic thin film equation

Speaker

Benjamin Gess

15:30-16:00

A variational front-tracking method for multiphase flow with triple junctions

Speaker

Robert Nürnberg

16:00