

Free Boundary Problems 2026

Monday, 7 September 2026 - Friday, 11 September 2026

Humboldt Universität zu Berlin

Scientific Programme

Thematically, the conference will cover a broad range of topics from modeling, analysis, optimization to numerical realization. These include aspects such as uncertainties or stochastics, data-driven intelligent numerical solution techniques (e.g. utilizing techniques of machine learning), and applications.

Plenary Talks

Contributed Talks

Minisymposia

Parallel minisymposia at FBP.

Degenerate PDEs and free boundary problems

Geometric Flows and Evolving Free Boundaries

Numerical Methods for geometric PDEs

Optimization and Free Boundaries

Free boundaries in shape optimization

Hydrodynamic Models with Moving Contact Lines

Phase Field Methods in Real-World Applications

Phase Transitions and Pattern Formation

Fluid-structure Interactions

Free Boundaries in Biology

Thin Material Structures