

Session Program

7-11 Sept 2026



Free Boundary Problems 2026 Optimization and Free Boundaries

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

Thursday 10 September

10:30

Optimization and Free Boundaries: MS-4-1

Session |

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

Conveners: Michael Hintermüller, Amal Alphonse, Michael Hinze

12:30

11:30-12:00

Can we Control the Free Boundary in the Obstacle Problem?

Speaker

José Francisco Rodrigues

Friday 11 September

09:00

Optimization and Free Boundaries: MS-4-2

Session |

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

Conveners: Michael Hinze, Michael Hintermüller, Amal Alphonse

09:00–09:30

Optimal design of linearly Cosserat and thermal spectral structures: A phase field approach

Speaker

Kei Fong Lam

09:30–10:00

Convergence of a shape optimisation algorithm for a semi-linear elliptic equations in function spaces using $W^{1,\infty}$ -steepest descent

Speaker

Philip Herbert

10:00–10:30

Reduced Order CFD based Reactor Shape Optimization for Heterogeneous Catalytic Systems

Speaker

Muhammad Uzair Qureshi

11:00