

PhD Fire Seminar 2022 - Agenda

Thursday 1st of December

9:40 **Introduction**

10:00 **Johannes Sailer**

Angular Adaptivity for Radiative Transfer Equation (FVM)

10:40 **Tassia Quaresma**

Sensitivity Analysis of Input Parameters in Flame Spread Simulation

11:20 **Bartosz Miechówka**

Importance of wind in fire scenarios based on coupled simulations of an open car park

12:00 **Lunch**

14:00 **Tour of The University Brewery**

15:30 **Prague Castle Tour**

18:00 **Dinner at Strahov Monastery Brewery**

Friday 2nd of December

10:00 **Jakub Šejna** (remotely)

FE thermal analysis OSB cladding steel element

10:40 **Aleš Palkovič**

CFD pool fire simulations

11:20 **Visit of The National Library of Technology**

12:00 **Lunch**

13:00 **Jakub Bielawski**

Prediction of smoke flow in tunnel fire using machine learning

13:40 **Kristian Börger**

Investigation of Smoke Characteristics by Photometric Measurements

14:20 **Daniela Šejnová Pitelková** (remotely)

FireLAB UCEEB CTU in Prague and My Research

Break

15:20 **Václav Vystrčil**

Measurement of temperature and heat fluxes during fire tests

16:00 **Vojtěch Šálek**

Inert wall exposed to fire - experiment and FDS model