

PhD Students' Seminar on Fire Safety Science (on-line version)

Program

Time	3 rd December 2020
11:00	Welcome
11:10	Risk assessment of cable fires under consideration of the origin of the fire Jens Spille, Braunschweig
11:45	Experimental characterization of the pyrolysis of electrical cables and PMMA Karen De Lannoye, Jülich
12:20	Probabilistic simulation of fire endurance of a steel construction Andrzej Krauze, Warsaw
12:55	Lunch break
14:30	Any progress on inverse pyrolysis modelling with ensemble learning methods? Patrick Lauer, Wuppertal
15:05	The application of photogrammetry in fire protection engineering Ondřej Dupal, Prague
15:40	Advanced pyrolysis model approach in FDS Vojtěch Šálek, Prague
16:15	Snack break
16:30	Data assimilation in smoke simulation Linh Wuerzburger, Wuppertal
17:05	Algorithms for massively parallel generic hp-adaptive finite element methods Marc Fehling, Colorado
17:40	Accidental release of CNG from passenger vehicle Václav Vystrčil, Prague
18:15	Closing words
20:00	Open talk