



## PhD Students' Seminar on Fire Safety Science 28<sup>th</sup> – 29<sup>th</sup> November 2019

### Final Program

<b>Time</b>	<b>28<sup>th</sup> November 2019</b>
10.45	Welcome J. Spille, Braunschweig
11.00	Diverse Complexity of Pyrolysis Model Settings for Room Corner Test in FDS V. Šálek, Prague
11.40	Experimental characterisation of pyrolysis gases during cable fires K. De Lannoye, Jülich
12.20	Progress on inverse pyrolysis modelling with ensemble learning methods P. Lauer, Wuppertal
13.00 – 14.00	Lunch
14.00	Coupling of smoke and pedestrian simulation: triggering of crowds by perception of smoke B. Hein, Wuppertal
14.40	Real-time smoke simulation with JuROR M. Würzburger, Jülich
15.20	Methodology for estimating the risk of steel structures damage A. Krauze, Warsaw
16.00	Visit of the iBMB laboratories and test facilities
17.30	Departure to Christmas market
<b>Time</b>	<b>29<sup>th</sup> November 2019</b>
09.30	Welcome
09.40	Massively parallel hp-adaptive finite element methods M. Fehling
10.20	Insulation materials based on renewable resources – coupled cone calorimeter – FTIR analyses C. Northe, Braunschweig
11.00	Closing Words