

HDS-LEE Annual Retreat 2022

June 20, 2022

from	to	item
10:15	10:25	Welcome
10:25	10:55	Presentation of new PhDs
Session 1		Host: Johannes Wasmer
10:55	11:40	Anna Simson - Challenges in the hybrid characterization of ice
10:30	10:40	Break
12:00	12:45	Laura Helleckes - Automated Bioprocess Development in Microlitre Scale Facilitated by Bayesian Statistical Modelling
12:45	13:45	Lunch
14:00	18:00	Team Building Activity (PhDs only)
14:00	15:00	PI meeting
15:00	15:15	Break
15:15	17:15	SC Meeting
18:00	19:30	Dinner

June 21, 2022

from	to	item
Session 2		Host: Karina Ruzaeva
09:00	09:45	Jorge Guzman - Hybrid models for cellular signalling: meso-scale pathway identification
09:45	10:30	Leonardo Boledi - Computational multi-physics modeling to predict the performance of melting probes in ice
10:30	10:40	Break
Session 3		Host: Viktor Grimm
10:40	11:25	Mario Rüttgers - Automated surgical planning for a septoplasty
11:25	12:10	Alaukik Saxena - Towards sustainable material design with insights from atom probe tomography data.
12:10	13:10	Lunch
13:30	17:30	Hiking
18:00	19:30	Dinner

June 22, 2022

from	to	item
Session 4		Host: Felix Terhag
09:00	09:45	Sonja Germscheid - Tackling uncertainty with flexibility – Industrial demand
09:45	10:30	Melven Röhrig-Zöllner – Data Compression with Tensor Networks
10:30	10:40	Break
Session 5		Host: Johannes Kruse
10:40	11:25	Charlotte Neubacher - Coupling regional air quality simulations of EURAD-IM with street canyon observations - a machine learning approach
11:25	12:10	Robin Hilgers - Developing a Data-driven approach to First Principles Simulations in Materials Design
12:10	13:10	Lunch
13:10		End of the event

Date: June 20-22, 2022

Place: Michel & Friends Hotel Monschau, Laufenstraße 82, 52156 Monschau