HDS-LEE Annual Retreat 2021 (online)

Thursday June 10, 2020

10:00 - 10:30	Welcome & organizational issues
10:30 - 11:15	"Optimal neural network models for energy system optimization", Danimir **Doncevic**
11:15 - 12:00	"'CODOR': A manually-curated COmprehensive Database of Olfactory Receptors and their ligand", Giuliano **Santarpia**
12:00 - 13:00	Lunch
13:00 - 13:45	"Optimizing Spiking Neural Networks with Learning to Learn", Alper **Yegenoglu**
13:45 - 14:30	"Geometry-aware image analysis for microfluidic live-cell experimentation", Karina **Ruzaeva**

Friday June 11, 2020

10:00 - 10:30	Welcome & presentation of new PhDs
10:30 - 11:15	"Ion-Residue Interaction of an Intrinsically Disordered Protein Surface: Gathering Inputs for Deep Learning", Emile **de Bruyn**
11:15 - 12:00	"Land surface modelling over Africa: The role of spatial and temporal resolution", Bamidele **Oloruntoba**
12:00 - 13:00	Lunch
13:00 - 13:45	"Hybrid process modelling combining mechanistic equations with machine learning", Jazib **Hassan**
13:45 - 14:30	"Using neural networks to explore local chemical function in proteins", Karel **van der Weg**