

Saxony meets Lower Silesia - Science Across Borders Conference

Monday 17 June 2024

AI & Simulation, Big Data & Analytics (10:45 - 11:45)

time	[id] title	presenter
10:45	[82] Numerical Models of Human Brain and the Development of Machine Learning Algorithms to Analyse Weather Conditions for the Prediction of Cerebrovascular Accidents	PTAK, Mariusz
11:15	[83] Deep learning in Monte Carlo simulation of neutrino-matter interactions and studies of porous media properties	GRACZYK, Krzysztof
11:30	[84] Simulation of GNSS LEO satellites constellation for 3D water vapor monitoring	MAKUCH, Sebastian

AI & Simulation, Big Data & Analytics (12:00 - 13:15)

time	[id] title	presenter
12:00	[85] Will data help us to address future challenges?	BUSSMANN, Michael
12:30	[86] Novel Machine Learning Approaches to Study Infection and Disease through Biomedical Images	YAKIMOVICH, Artur
12:45	[87] SE(3)-Transformers for predicting the electronic structure of hydrogen molecules	BRZOZA, Bartosz
13:00	[88] Dryland conservation as an interdisciplinary problem, or how to combine big data, simulation and mathematical models, and simple experiments to support ecosystem management	MARTINEZ GARCIA, Ricardo