

Group 1 presents at Digital Futures hub, Cafeteria

Project title	Student	Main supervisor	Presentation time
Additive manufacturing of biodegradable transistors	Gabriel Gyllensting	Erica Zeglio	13:20
Autonomous Drive of a Minicar Using Edge Computing and 5G Communication	Sitong Yang	Lei Feng	13:30
Design a user interface for a real-time biofeedback wearable motion tracking system	Yilin Chang	Ruoli Wang	13:40
Deterministic Serverless Workflows: Enabling Simpler Reasoning and Execution for Serverless Applications	Tianxing Wu	Philipp Haller	13:50
Digital twin model for urban transportation	Tong Mo & Haoyan Wang	Zhenliang Ma	14:00
Enhancing Above Ground Biomass Estimation with using multi-modal satellite time series	Rakin Syed Ali	Andrea Nascetti	14:10
Coffee Break 14:20-14:45			
Project title	Student	Main supervisor	Presentation time
Exploring Pointwise Maximal Leakage through Numerical Experiments	Tiou Wang	Tobias Oechtering	14:45
Gothic Principles in 3D Printing for Urban Sustainability	Sara Sokolowska-Katzer	Meike Schalk	14:55
Graph embedding methods for hypergraph alignment, and applications to computational biology	Jacques Fürst	Aristides Gionis	15:05
Identifying a representative driving cycle through unsupervised learning	Xindi Liu & Rebecka Haraldsson	Malte Rothhämel	15:15
Large Language Models for software verification	Kacper Lisik	Marco Chiesa	15:25
Link Prediction Capabilities for AI-Assisted Databases	Yining Hou	Paris Carbone	15:35
Break 15:45-16:00			
Project title	Student	Main supervisor	Presentation time
Monitoring SDG11.3.1 Land Use Efficiency in Global Cities	Xuefeng Wang	Yifang Ban	16:00
Muscle model parameters estimation with physical-informed neural networks	Ping Yu	Ruoli Wang	16:10
Physics-Informed Neural Networks for Cable Impedance Identification	Simone Manetta	Xiongfei Wang	16:20
Streaming Algorithms for Estimating the Size of Unions of Sets	Eira Larsson	Aristides Gionis	16:30
Improve training algorithms for Physics-Informed Machine Learning	Haoming Shen	Matthieu Barreau	16:40