



Cambridge Ellis Machine Learning Summer School- 13 July 2022- Poster Session 1

1	Adam Izdebski	adam.izdebski1@gmail.com	Optimized Peptide Generation with Learnable Priors
2	Alexander Capstick	alexcapstick97@gmail.com	Loss Adapted Plasticity: Learning From Data With Unreliable Sources
3	Amir M Shamaei	amirshamaei@isibrno.cz	Model-Informed Deep Learning Approach to Inverse Problems in Magnetic Resonance Spectroscopy
4	Andrea Codolini	ac2386@cam.ac.uk	A Machine Learning Based Tool For Predicting Geometry-induced Wrinkles In Fabric Preforming
5	Aniketh Ramesh	anikethramesh@gmail.com	Robot Vitals and Robot Health: Towards Systematically Quantifying Runtime Performance Degradation in Robots Under Adverse Conditions
6	Bojana Ranković	bojana.nu@gmail.com	Bayesian Optimisation Accelerated Reaction Screening and Yield Improvements in Chemical Reactions
7	Chaitanya Krishna Joshi	ckj24@cam.ac.uk	Graph Neural Networks for Geometric/Spatial Graphs
8	Daniel Fernández-Sánchez	daniel.fernandezs@uam.es	Improved Max-value Entropy Search for Multi-objective Bayesian Optimization with Constraints
9	Erisa Murati	erisa.murati@hds.utc.fr	Optimisation of wastewater treatment plants using machine learning
10	Fateme Nateghi Haredasht	fateme.nateghi@kuleuven.be	Survival time to event prediction using semi-supervised algorithm combined with Random Survival Forest
11	Guy Moss	guy.moss@uni-tuebingen.de	Unravelling the history of ice-sheets with simulation-based inference
12	Jakob Gawlikowski	Jakob.Gawlikowski@dlr.de	A View on the Robustness of Multi-Modal Neural Networks
13	Kim van den Houten	k.c.vandenhouten@tudelft.nl	AI-based scheduling methods for the process industries
14	Luis Antonio Ortega Andrés	luis.ortega@uam.es	Deep Variational Implicit Processes
15	Manuel Navarro García	mannavar@est-econ.uc3m.es	Tun-AI: What can Machine Learning tell about tuna aggregation dynamics?
16	Mariam Cook	mc833@exeter.ac.uk	What should we do, and why? Introducing OPOQ, a machine learning framework to help us make better decisions, together
17	Martin Fajčík	ifajcik@fit.vutbr.cz	Claim-Dissector: An Interpretable Fact-Checking System with Joint Re-ranking and Veracity Prediction
18	Michal Lewandowski	michal.lewandowski@scch.at	On Measuring Space Folding of (Deep) ReLU Neural Networks
19	Nan Fletcher-Lloyd	nan.fletcher-lloyd17@imperial.ac.uk	A digital biomarker for identifying changes in daily activity patterns
20	Patrik Reizinger	rpatrik1996@gmail.com	Embrace the Gap: VAEs Perform Independent Mechanism Analysis
21	Prakash Chandra Chhipa	prakash.chandra.chhipa@ltu.se	Magnification Prior: A Self-Supervised Method for Learning Representations on Breast Cancer Histopathological Images
22	Sara Giordano	sara.giordano250794@gmail.com	Reinforcement-learning generation of 4-qubit entangled states
23	Sebastian Bischoff	sebastian.bischoff@uni-tuebingen.de	Learning dynamical models for RNA velocity
24	Seth Nabarro	seth.nabarro09@imperial.ac.uk	Data augmentation in Bayesian neural networks and the cold posterior effect
25	Tycho van der Ouderaa	tycho.vanderouderaa@imperial.ac.uk	Learning Invariant Weights in Neural Networks
26	Xixi Li	xixi.li@manchester.ac.uk	Deep learning for VAR modelling and forecasting
27	Zhiyi Li	zhiyi@graphcore.ai	Exploring Graph Neural Networks on IPU