- COSEAL 2024 -
Agenda for Tuesday, May 21, 2024

09:00	**09:45**	**Opening Session**	
09:00	09:30	Welcome and General Instruction	Pascal Kerschke
09:30	09:45	Welcome Message of the General Chairs	Lennart Schäpermeier & Theresa Eimer
09:45	**10:15**	**Talk**	
09:45	10:15	*Learning Interpretable Models for Solving Routing Problems*	Kevin Tierney
10:15	**10:30**	**Poster Pitches**	
10:15	10:20	*Ensembling of Surrogate Models in Bayesian Optimisation*	Hadar Shavit
10:20	10:25	*Automated Algorithm Configuration for Anytime Algorithms*	Elias Schede
10:25	10:30	*??*	
10:30	**11:00**	**Coffee Break**	
11:00	**12:30**	**Poster Session (incl. Coffee + Snacks)**	
		Ensembling of Surrogate Models in Bayesian Optimisation	Hadar Shavit & Anja Jankovic
		Automated Algorithm Configuration for Anytime Algorithms	Elias Schede
		Adaptive Bayesian Optimization	Carolin Benjamins
		Growing with Experience: Growing Neural Networks in Deep Reinforcement Learning	Lukas Fehring
		Do Tree-based Models Need Data Preprocessing?	Hubert Ruczynski
		Dancing to the State of the Art? How Candidate Lists Influence LKH for Solving the Traveling Salesperson Problem	Jonathan Heins, Lennart Schäpermeier & Pascal Kerschke (with Darrell Whitley)
		In-Context Freeze-Thaw Bayesian Optimization for HPO	Steven Adriaensen
		Frugal Algorithm Selection	Nguyen Dang
12:30	**13:30**	**Lunch Break (on your own)**	

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13:30	**15:00**	**Talks**	
13:30	13:50	*Opportunities for Configuration and Selection of Algorithms in Neural Network Robustness Verification*	Jan van Rijn
13:50	14:10	*Automatic Generation and Configuration of Algorithms in Java using MORK*	Rául Martín Santamaria
14:10	14:30	*Hyper-configurable ALNS Approach for the Multi-port Continuous Berth Allocation Problem*	Imène Ait Abderrahim & Kevin Tierney
14:30	14:50	*Model Selection in the Age of In-Context Learning for Tabular Data*	Lennart Purucker
15:00	**15:30**	**Coffee Break**	
15:30	**17:00**	**Poster Session (incl. Coffee + Snacks)**	
		A Camera Simulation Tool to Generate Instances for Multiple Classes of Optimisation Problems	Quentin Renau (with Emma Hart & Johann Dreo)
		TransOptAS: Transformer-Based Algorithm Selection for Single-Objective Optimization	Gjorgjina Cenikj
		Hyper-configurable ALNS Approach for the Multi-port Continuous Berth Allocation Problem	Imène Ait Abderrahim
		Exploiting Structure in Optimization Landscapes of Reinforcement Learning	Aditya Mohan
		Multi-Objective Configuration on Multimodal Multi-Objective Problems	Oliver Preuß, Jeroen Rook & Heike Trautmann
		Impact of Training Instance Selection on Automated Algorithm Selection Models for Numerical Black-box	Konstantin Dietrich, Diederick Vermetten, Carola Doerr & Pascal Kerschke
		Model Selection in the Age of In-Context Learning for Tabular Data	Lennart Purucker
		Optimizing Time Series Forecasting Architectures: A Hierarchical Neural Architecture Search Approach	Difan Deng
		Don't Waste your time: Early Stopping Cross-Validation	Edward Bergman
17:00	**18:00**	**Break (on your own)**	
18:00	**19:30**	**Guided City Tour**	

- COSEAL 2024 -
Agenda for Wednesday, May 22, 2024

09:00	**10:15**	**Talks**	
09:00	09:30	*Towards Understanding Multi-objective Green AutoML*	Marius Lindauer
09:30	09:50	*Regularization of Schedule Optimization*	Filip Bártek
09:50	10:10	*Multi-Objective SMAC*	Jeroen Rook
10:15	**10:30**	**Poster Pitches**	
10:15	10:20	*Applying Deep Reinforcement Learning to the Skill VRP*	Nayeli Gast Zapeda
10:20	10:25	*IOHprofiler*	Diederick Vermetten
10:25	10:30		
10:30	**11:00**	**Coffee Break**	
11:00	**12:30**	**Poster Session (incl. Coffee + Snacks)**	
		Applying Deep Reinforcement Learning to the Skill VRP	Nayeli Gast Zapeda
		IOHprofiler	Diederick Vermetten
		Estimating Dwell Time for Public Transport	Ijaradar Jyotirmaya
		Comparing Solvability Patterns of Algorithms across Diverse Problem Landscapes	Ana Nikolikj
		DeepCAVE: A Visualization and Analysis Tool for Automated Machine Learning	Sarah Segel
		Battling Bandits with Delayed Feedback	Valentin Margraf
		Towards LLM-designed Metaheuristics: Are We There Yet?	Roman Senkerik
		Theory-inspired Parameter Control Benchmarks for Dynamic Algorithm Configuration	Nguyen Dang
		Optimizing Traffic Signal Control using Double Deep Q-Network Reinforcement Learning	Tobias Nousch
12:30	**13:30**	**Lunch Break (on your own)**	
13:30	**15:00**	**Workshop / Breakout Session / ...?**	

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15:00	**15:30**	**Coffee Break**	
15:30	**17:00**	**Poster Session (incl. Coffee + Snacks)**	
		Hyperparameter Importance Analysis for Multi-Objective AutoML	Daphne Theodorakopoulos
		Rethinking of Encoder-based Warm-start Methods in Hyperparameter Optimization	Antoni Zajko, David Płudowski, Katarzyna Woznica & Anna Kozak
		ARLBench: An Automated Reinforcement Learning Benchmark based on JAX	Jannis Becktepe & Julian Dierkes
		Automated Federated Learning via Informed Pruning	Elena Raponi
		Neural Architecture Search for Genomic Sequence Data	Martin Binder
		Deep-Learned (ELA) Features and Automated Algorithm Selection	Moritz Seiler, Urban Skvorc, Carola Doerr & Heike Trautmann
		Interpretable Spatiotemporal Feature Selection for Solar Power Forecasts	Markus Leyser & Pascal Kerschke
		OpenOpt	Carola Doerr
17:00	**18:30**	**Break (on your own)**	
18:30	**22:00**	**Workshop Dinner (@Dorint)**	

- COSEAL 2024 -
Agenda for Thursday, May 23, 2024

09:00	**10:40**	**Talks**	
09:00	09:20	*COSEAL for AutoRL*	Theresa Eimer
09:20	09:40	*Evolving Reliable Differentiating Constraints*	Frank Neumann
09:40	10:00	*tba*	Bernhard Berger
10:00	10:20	*Probing Algorithm Trajectories for Algorithm Selection*	Quentin Renau (with Emma Hart)
10:20	10:40		
10:40	**11:15**	**Coffee Break**	
11:15	**12:45**	**Poster Session (incl. Coffee + Snacks)**	
		A Visual Journey Through AutoML. cattleia: A Tool for Deep Dive into Ensembles	Jakub Piwko & Malwina Wojewoda
		tba	Bernhard Berger
		Active Learning for Multi-Fidelity on Dataset Subset Sizes	Tim Ruhkopf
		Automating Data Preparation	Sasa Mladenovic & Carola Doerr
		Bandit-based Optimization for AutoML	Amir Rezaei-Balef
		Multi-Objective Robust Ranking	Jeroen Rook, Holger Hoos & Heike Trautmann
		LCDB 1.0: An Extensive Learning Curves Database for Classification Tasks	Tom Viering & Jan van Rijn (with Felix Mohr & Marco Loog)
		Towards Quantifying the Effect of Dataset Selection for Benchmarking Tabular Machine Learning Approaches	Matthias Feurer, Bernd Bischl & Katharina Eggensperger (with Frank Hutter, Ravin Kohli)
		Reshuffle your Splits? Improving Generalization of Hyperparameter Optimization	Lennart Schneider
12:45	**13:45**	**Closing Session**	
		Announcements	all
		...	
		Closing	Pascal Kerschke