

Workshop on Automated Selection and Tuning of Algorithms

- 11:15-11:30: **Welcome/Introductions**
- 11:30-11:55: **Landscape Analysis of Surrogate-based Model Optimization Tasks**
Patrick Koch and Wolfgang Konen
- 12:00-12:25: **Features of Easy and Hard Instances for Approximation Algorithms and the Traveling Salesperson Problem**
Samadhi Nallaperuma, Markus Wagner, Frank Neumann, Bernd Bischl, Olaf Mersmann, and Heike Trautmann
- 12:30-12:55: **A Case Study of On-The-Fly Calibration for Artificial Immune Network Algorithms**
Elizabeth Montero Ureta
- 13:00-14:30: **Lunch**
- 14:30-15:15: Invited Talk
Automatic Design of Algorithms with Irace for Multi-Objective Optimization and Anytime Optimization
Manuel López-Ibáñez
- 15:15-15:40: **Parameter Tuning Using Hyper-heuristics in Uncertain Environments**
Muhammet Köle, A. S,ima Etaner-Uyar, Berna Kiraz, and Ender Özcan
- 15:45-16:10: **Automatic Algorithm Selection for the Multi-mode Resource-constrained Project-scheduling Problem**
Tommy Messelis and Patrick De Causmaecker
- 16:15-16:45: **Coffee break**
- 16:45-18:30: **Panel discussion**