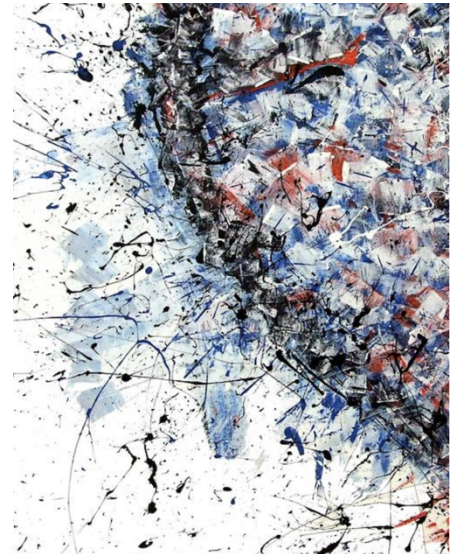# SAPIENZA
UNIVERSITÀ DI ROMA

10th RAMOO Workshop

Recent Advances in Multi-Objective Optimization

Department of Statistical Sciences, Sapienza University of Rome

September 14th, 2023

PROGRAM

THURSDAY 14 SEPTEMBER 2023		
09:00-09:20	**REGISTRATION**	
09:20-09:30	**OPENING**	
09:30-10:30	**KEYNOTE** Gabriele Eichfelder, Technische Universität Ilmenau *"Uncertain multi-objective optimization and optimization with many objectives"*	
10:30-11:00	**Coffee break**	
11:00-12:30	**Seminars session "Advances in Continuous Multi-Objective Optimization"**	
	11:00-11:30	Ana Luisa Custodio, *"A trust-region approach for computing Pareto fronts in multiobjective optimization"*
	11:30-12:00	Pierluigi Mansueto, *"Improved Front Steepest Descent for Multi-objective Optimization"*
	12:00-12:30	Bennet Gebken, *"Similarities between multi-objective optimization and nonsmooth optimization"*
12:30-14:30	**Lunch break**	
14:30-15:30	**KEYNOTE** Matthias Ehrgott, Lancaster University Management School *"Walking School Bus Line Routing for Efficiency, Health and Walkability: A Multi-objective Optimisation Approach"*	
15:30-16:00	**Coffee break**	
16:00-17:00	**Seminars session "Advances in Discrete Multi-Objective Optimization"**	
	16:00-16:30	Gökhan Kof, *"Elimination of Objective Functions in Multiobjective Discrete Optimization via Projections"*
	16:30-17:00	Michael Stiglmayr, *"An output-polynomial time algorithm to determine all supported efficient solutions for multi-objective integer network flow problems"*
17:00-17:40	**Tutorial session** Benjamin Weißing, *"Tutorial on bensolve tools"*	
17:40-18:00	**Closing**	
18:00-late	**Social event and dinner**	