Doctoral Workshop on Decision Mathematics and Statistics

Thursday, 8th June 2023

Organizing Committee: Jérôme Bolte, Abdelaati Daouia, Sébastien Gadat

09:55 - 10:00 Introduction by Stéphane Villeneuve

10:00 - 11:00	Session 1: Machine learning, Statistics - Chairman: Olivier Faugeras
10:00 - 10:30	Lukas Dargel
	"On the link between Multiplicative Competitive Interaction models and Compositional Data regression with a total"
10:30 - 11:00	··
	"Using data on famous individuals to learn unknown historical GDP per capita levels"
11:00 - 11:30	Break
11:30 - 12:30	Session 2: Machine learning, Statistics - Chairwoman: Ekaterina Voltchkova
11:30 - 12:00	Joseph Hachem
	"A de-randomization argument for estimating extreme value parameters of heavy tails"
12:00 - 12:30	Ngoc Tâm Lê
	"Nonsmooth implicit differentiation for machine learning"
12:30 - 14:00	Lunch break
14:00 - 15:00	Session 3: Games, Optimization, Statistics - Chairman: Adrien Blanchet
14:00 - 14:30	Estelle Medous "Optimal Weights for double Many-To-One Generalized Weight Share Method"
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14:30 - 15:00	Etienne De Montbrun "Certified Multi-Fidelity Zeroth-order Optimization"
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	15:00 Conclusion



