

[LABELNOISE'2017](http://labelnoise2017.loria.fr/fr/objectifs-et-contenu/)

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This workshop is part of [les journées Fédération Charles Hermite](#), and is sponsored by the [CNRS Mastodons program](#). Attendance is free of charge but requires you to [register](#).

This workshop is also related to the PhD work co-funded by the [Fédération Charles Hermite](#) and the French [Région Grand Est](#) "Statistical Performance Evaluation Tools for Classification and Machine Learning with Erroneous Data".

Label Noise Problems in Statistics, Machine Learning and Classification

This workshop aims to discuss the impact that the use of partially erroneous or imprecise data can have on the evaluation, quality or relevance of classifiers and machine learning algorithms. A selection of invited speakers coming from a broad horizon covering Statistics, Machine Learning or addressing specific Classification applications will contribute to outlining research directions and statistical tools that will allow to formalise, and, hopefully, answer some of those questions.

Thursday, November 30, 2017

08:30		Registration and Welcome	
	09:00		
09:00		Welcome	P. Vallois
	09:15	Fédération Charles Hermite	
09:15		Introduction	É. Koudou, B. Lamiroy, N. Villa-Vialaneix
	9:30		
9:30		Searching for the Optimal Data Preprocessing Strategy	L. Berti-Équille
	10:30		
10:30		Coffee Break	
	11:00		
11:00		Impact Of Cost-Sensitivity And Outliers Robustness	Local Talk (CRAN) Ph. Thomas
	11:30		
11:20		Classification with asymmetric label noise: Consistency and maximal Denoising	G. Blanchard
	12:30		

12:30	13:00	Some questions on ranking of classifiers in the presence of label noise	Local Talk (IECL) E. Koudou
13:00		Lunch	
	14:30		
14:30		Tell me What Label Noise is and I will Tell you how to Dispose of it	B. Frénay
	15:30		
15:30	16:00	Soft Max Boosting with Noisy Labels	Local Talk (LIEC) M. Geist
16:00	16:30	Coffee Break	
16:30		Non-linear learning in the presence of label noise	A. Kaban
	17:30		
17:30	18:00	Clustering quality evaluation: a task that has to deal with a naturally noisy context	Local Talk (Loria) JC Lamirel
18:00	18:30	Conclusion	
18:30	21:00	Workshop Reception	

Friday, December 01, 2017

09:00		Counting Votes and the Attempt to Replicate Human Interpretation	D. Lopresti
	10:00		
10:00		Supervised classification of satellite image time series from noisy labeled data	C. Pelletier
	11:00		
11:00		Coffee Break	
	11:30		
11:30		Conclusion and Panel Discussion	
	13:00		
13:00		Lunch	