ALEXANDRE LEBLANC, University of Manitoba

*The Projection Median: A Multivariate Robust Adaptive Weighted Average*

In this talk, we will briefly discuss multivariate robust adaptive weighted averages. In particular, we will look at depth-weighted averages, such as the Stahel-Donoho estimator based on the notion of outlyingness. As an alternative to these computationally intensive methods, we will introduce the projection median, obtained by averaging the univariate medians of all univariate projections of the sample.