BARBARA SZYSZKOWICZ, Carleton University, 1125 Colonel By Drive, Ottawa, ON, K1S 5B6 *The probable error of a mean and that of a change in a mean*

Weighted approximations in probability of self-normalized and studentized partial sums processes will be reviewed and applied to studying the problem of change in the mean of random variables in the domain of attraction of the normal law.

The talk will be based on joint works by Miklós Csörgő, Barbara Szyszkowicz and Qiying Wang.