**CESAR CORRAL**, York University
*Strong Fréchet properties, squares and AD families*

We will deal with some questions about strengthenings of Fréchetness and the $\alpha_i$ properties introduced by Arhangel'skii. Using $\square(\kappa)$-sequences, we can build spaces which are Absolutely Fréchet and productively Fréchet but under some assumptions they may fail to be bisequential. We will also show that some of these properties can be obtained in ZFC using almost disjoint families.