Masataka Chida* (chida@mail.dendai.ac.jp). *Special values of $p$-adic hypergeometric functions and $p$-adic $L$-functions for elliptic curves. Preliminary report.

Recently, Asakura introduced new $p$-adic hypergeometric functions. In this talk, we will discuss on a conjectural relation between special values of $p$-adic hypergeometric functions and special values of $p$-adic $L$-functions for some elliptic curves. Moreover we will give some numerical computations on these special values. This is a joint work with Masanori Asakura. (Received January 17, 2019)