1158-11-296 Cezar Lupu* (cezar.lupu@ttu.edu), 1108 Memorial Circle, Lubbock, TX 79409. A Zagier-type formula for special multiple Hurwitz zeta values.

In this talk, we provide a Zagier-type formula for the multiple t-values (special Hurwitz zeta values),

$$t(k_1, k_2, \dots, k_r) = 2^{-(k_1 + k_2 + \dots + k_r)} \zeta\left(k_1, k_2, \dots, k_r; -\frac{1}{2}, -\frac{1}{2}, \dots, -\frac{1}{2}\right) =$$

$$= \sum_{1 \le n_1 < n_2 < \dots < n_r} \frac{1}{(2n_1 - 1)^{k_1} (2n_2 - 1)^{k_2} \dots (2n_r - 1)^{k_r}}.$$

Our formula is similar with Zagier's formulas for MZVs $\zeta(2,\ldots,2,3)$ and will involve \mathbb{Q} -linear combinations of powers of π and odd zeta values. The derivation of the formula for $t(2,\ldots,2,3)$ relies on a rational zeta series approach via a Gauss hypergeometric argument. (Received March 03, 2020)