

Exposé court

76 **Zagier-Hoffman's conjectures in positive characteristic**

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In the function field setting, Thakur introduced the concept of multiple zeta values (MZVs) as an analogue of MZVs of Euler, leading to the question of determining linear relations among these values. In 2018, Todd proposed a conjecture regarding the dimension of the vector space spanned by Thakur's MZVs of a fixed weight, and Thakur later provided a refinement of this conjecture by giving an explicit basis. These conjectures are analogous to the Zagier-Hoffman's conjectures in the classical setting. In this talk, we will present our results towards conjectures of Todd and Thakur. This is a joint work with B.-H. Im, H. Kim, T. Ngo Dac, and L. H. Pham.