Cecile Armana* (cecile.armana@univ-fcomte.fr) and Fu-Tsun Wei. *Sturm bounds for Drinfeld-type automorphic forms over function fields.*

Sturm bounds indicate how many successive Fourier coefficients suffice to determine a modular form. For classical modular forms, they also provide bounds for the number of Hecke operators generating the Hecke algebra. In this talk I will present Sturm bounds for Drinfeld-type automorphic forms over function fields, also known as harmonic cochains on the Bruhat-Tits tree, and for generators of the corresponding Hecke algebras. This is a joint work with Fu-Tsun Wei. (Received August 07, 2020)