

Speaker: Ariel Pacetti (Universidade de Aveiro)

Title: Rank 2 hypergeometric motives.

Abstract: the goal of this talk is to introduce rank 2 hypergeometric motives. During the talk we will present their main (expected) properties (primes of bad reduction, traces of Frobenius, field of definition, Hodge numbers, etc) through many different examples, and explain the difficulties that arise while proving some of these properties. This is a joint work with Fernando Rodriguez Villegas and Franco Golfieri Madriaga.