

COLOQUIO

FACULTAD DE MATEMÁTICAS - UCM.

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**"WHAT IS A MOTIVIC FUNDAMENTAL GROUP(OID)?
APPLICATION TO MULTIZETA NUMBERS"**

ABSTRACT: We shall review the construction by Deligne and Goncharov of a motivic fundamental group of an algebraic variety, as well as the numerous realizations (Betti, de Rham, l-adic,...) We shall explain how it enables us to define so-called "motivic periods" (Deligne). I shall finish by describing the recent results of Francis Brown about the structure of the algebra of these motivic periods.

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12 horas

Aula Miguel de Guzmán

Organiza: FACULTAD DE MATEMÁTICAS - UCM

