Seminar

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U Luxembourg

The unit interval, Bernoulli numbers, and the Magnus expansion

Tuesday, July 19, 2016

at 14:15 h

ESI, Boltzmann Lecture Hall

Abstract: The aim of the talk is to explain a link between the three objects mentioned in the title, i.e. the unit interval, Bernoulli numbers, and the Magnus expansion. This link emerges when one ponders the rational homotopy theory of 1-dim simplicial complexes, or - equivalently, but physically speaking - from the computation of an effective action functional in 1-dim BF-theory. Part of the talk relies on joint work with Ruggero Bandiera.

N. Carqueville

July 15, 2016