



ID de Contribution: 18

Type: Non spécifié

Non-geometric fluxes and non-associativity in M-theory

jeudi 18 janvier 2018 11:20 (40 minutes)

In this talk we discuss non-geometric fluxes in M-theory using exceptional field theory. We will point out that there is a new set of non-geometric fluxes in the R-R sector in the perturbative limit. We show that there are missing momenta conditions, induced by the fluxes. Finally the non-geometric fluxes together with the missing momenta lead to a non-associative phase space, which is related to the non-associative algebra of the octonions.

Orateur: LUST, Dieter