

“Do you have other trinities you’d like to worship?”

— “Arnold’s trinities” from Lieven Le Bruyn’s (old) blog

The Trivial Notions Seminar
Proudly Announces

Weyl exceptional groups in real life

A talk by

Francesco Cavazzani

Abstract

Everybody heard about the Dynkin diagrams E_6, E_7, E_8 , but who has really a geometric idea of how they look like? In this talk, we will start with a bit of refresh about Dynkin diagrams and Lie theory. Then, we will show some situations in algebraic geometry where the Weyl groups of E_6, E_7, E_8 arise as symmetry group, and some other interesting coincidences. If time permits, we will conclude saying how they relate to the very mysterious Arnold’s trinities. The talk will be very Italian style.

Thursday, October 1st, at 1:30 pm
Science Center 222