The Weizmann Institute of Science
Faculty of Mathematics and Computer Science

Algebraic Geometry and Representation Theory Seminar

Room 141, Ziskind Building
on Tuesday, Jun 20, 2017
at 11:15

Note unusual room

Luc Illusie
University of Paris-Sud, Orsay

Revisiting vanishing cycles and duality in étale cohomology

Abstract:

Abstract: In the early 1980's Gabber proved compatibility of nearby cycles with duality and Beilinson compatibility of vanishing cycles with duality. I will explain new insights and results on this topic, due to Beilinson, Gabber, and Zheng.