Department of Mathematics, BGU

Algebraic Geometry and Number Theory

On *Wednesday, June ,28 2017*

At *15:10 − 16:30*

In *Math 101-*

Luc Illusie (Paris Sud)

will talk about

Revisiting vanishing cycles and duality in étale cohomology

Abstract:

Ben Gurion University – Mathematics
Algebraic Geometry and Number Theory Seminar

Speaker	**Luc Illusie (Paris Sud)**
Title	**Revisiting vanishing cycles and duality in étale cohomology**
Date	Wednesday, 28 June 2017
Time	15:10 – 16:30 (starts 15:10 sharp)
Location	Room -101 in Building 58

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.

(updated 17 June 2017)