

---

THE WEIZMANN INSTITUTE OF SCIENCE  
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE  
Algebraic Geometry and Representation Theory Seminar

Room 261 ,Ziskind Building  
on Wednesday, Jul 01, 2015at 11:00

Antoine DucrosUniversity Paris VI

Piecewise-linear and non-archimedean geometries

Abstract:

This will be kind of a survey talk (including classical results, more recent ones, and a joint work with Amaury Thuillier which is still in progress ) about the deep links which exist between non-archimedean geometry over a valued field and piecewise linear geometry. I will mainly focus on the properties of some subsets of non-archimedean analytic spaces (in the sense of Vladimir Berkovich), called the skeleta, that inherit a canonical piecewise linear structure.