



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 108 ,Elaine and Bram Goldsmith Building
on Tuesday, Jun 06, 2017
at 11:15

Klaus Kunemann
University of Regensburg

Positivity properties of metrics in non-archimedean geometry

Abstract:

We describe the Calabi-Yau problem on complex manifolds and its analog in non-archimedean geometry. We discuss positivity properties of metrics on line bundles over non-archimedean analytic spaces and applications to the solution of the non-archimedean Calabi-Yau problem in the equicharacteristic zero case.