The University of Chicago
ALGEBRAIC GEOMETRY SEMINAR

Thursday, April 2\textsuperscript{nd}, 2015
4:30 – 6:00 pm, Eckhart 312

Bruno Klingler
(Jussieu)

The hyperbolic Ax-Lindemann-Weierstrass conjecture

The hyperbolic Ax-Lindemann-Weierstrass conjecture is a functional algebraic independence statement for the uniformizing map of an arithmetic variety. In this talk I will describe the conjecture, its role and its proof (joint work with E. Ullmo and A. Yafaev).