

The University of Chicago
ALGEBRAIC GEOMETRY SEMINAR

Thursday, April 2nd, 2015
4:30 – 6:00 pm, Eckhart 312

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(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).