1108-11-426 **Tony Shaska*** (shaska@oakland.edu). *Counting algebraic curves with bounded moduli height.*
The focus of this talk is on counting algebraic curves of a fixed genus $g \geq 2$ with bounded height. We will use some heuristics to compare results when the height is defined in terms of the coefficients of the curve, the "naive height", or the moduli height. This extends on previous work (*L. Beshaj, T. Shaska; Heights of Algebraic Curves, NATO Sci. Peace Secur. Ser. D Inf. Commun. Secur., IOS, 2015*), where the moduli height was defined and tables of genus 2 curves with small height were provided. Further, we will discuss whether such results can be extended to all superelliptic curves. (Received January 19, 2015)