Topology, Arithmetic, & Dynamics Seminar

Geometry of Vinberg's Enveloping Monoid

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Canonically associated to any simple, complex algebraic group G there is an algebraic monoid S_G which is universal among algebraic monoids which contain G in their group of units. I will describe this so-called enveloping monoid as both an algebraic variety and as a Kähler space. I'll also describe how the interaction between the symplectic and algebraic structures on on S_G make it a particularly nice case study to illustrate the unity between symplectic and algebraic geometry.

Date: **Friday, April 15, 2016**
Time: **2:30-3:45 pm**
Place: **4106 Exploratory Hall**

For special accommodations, please contact Sean Lawton via email at `slawton3@gmu.edu`.