1128-16-42      **Jiafeng Lü**, **Sei-Qwon Oh** and **Xingting Wang\*** (`xingting@temple.edu`), Department of Mathematics, Wachman Hall (038-16), 1805 N. Broad Street, Philadelphia, PA 19122-6094, and **Xianlan Yu**. *Enveloping algebras of double Poisson-Ore extensions.* Preliminary report.

In this talk, we prove that the Poisson enveloping algebra of a double Poisson-Ore extension is an iterated double Ore extension. As an application, properties that are preserved under iterated double Ore extensions are invariants of the Poisson enveloping algebra of a double Poisson-Ore extension. This is a joint work with Jiafeng Lü, Sei-Qwon Oh and Xiaolan Yu. (Received February 04, 2017)