



**Speaker:** Melinda Lanius  
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Tuesday, January 23, 2018

1:00 PM

258 Hurley Hall

**Title:** Poisson cohomology of minimally degenerate Poisson structures

**Abstract:**

Poisson cohomology is an important invariant in the study of Poisson structures. Unfortunately, the computation of Poisson cohomology is quite difficult in general and explicit results are known in only very select cases. We will present a new way of computing Poisson cohomology for a particular class of minimally degenerate Poisson structures that is inspired by the isomorphism between a symplectic form and a non-degenerate Poisson bi-vector.