



---

**Speaker:** Victor Mouquin  
University of Toronto

Tuesday, August 30, 2016

3:00 PM

125 Hayes-Healy Hall

**Title:** Poisson Lie groups, Lie bialgebras and r-matrices

**Abstract:**

We will give a review on the theory of Poisson Lie groups, Lie bialgebras and r-matrices. We will also recall the notion of Poisson structures defined by quasitriangular r-matrices, and show that many examples of Poisson structures associated to Poisson Lie groups can be defined in this way. This talk and our other talks are based on joint work with Jiang-Hua Lu