September 16, 2015: Pavle Pandžić (University of Zagreb), "Classifying $A_{\mathfrak{q}}(\lambda)$ modules by their Dirac cohomology". Followed by dinner.

We will briefly review the notions of Dirac cohomology and of $A_{\mathfrak{q}}(\lambda)$ modules, and recall a formula for the Dirac cohomology of an $A_{\mathfrak{q}}(\lambda)$ module. Then we will discuss to what extent an $A_{\mathfrak{q}}(\lambda)$ module is determined by its Dirac cohomology. This is joint work with Jing-Song Huang and David Vogan.