1100-16-165   **Calin Ioan Chindris*** (`chindrisc@missouri.edu`). *Quiver representations of constant Jordan type.*

In this talk, I will first explain how to associate to a representation of an acyclic quiver a sequence of coherent sheaves on moduli spaces of thin representations. Next, I will focus on those representations for which the corresponding sheaves are locally free. This will lead us to the large class of quiver representations of constant Jordan type. I will also describe this class of representations in algebraic terms via Jordan canonical forms of families of nilpotent operators associated to quiver representations. This is based on joint work with Andrew Carroll and Zongzhu Lin. (Received February 06, 2014)