1104-32-194 **Zeljko Cuckovic** and **Yunus E. Zeytuncu*** (zeytuncu@umich.edu), 2014 CASL Building 4901 Evergreen Road, Dearborn, MI 48128. *Mapping Properties of the Bergman Projection on Reinhardt Domains.*

Let Ω be a Reinhardt domain with smooth boundary in $\mathbb{C}^n$ and let ρ be a smooth and radially symmetric defining function for Ω. Set $\lambda = \exp\left(\frac{1}{\rho}\right)$ as a weight on Ω. The weighted Bergman projection operator $\mathbf{B}_\Omega^\lambda$ is an operator defined initially between $L^2(\Omega, \lambda)$ and $L_a^2(\Omega, \lambda)$. In this preliminary report, we discuss mapping properties of $\mathbf{B}_\Omega^\lambda$ on $L^p(\Omega, \lambda)$ for $p \neq 2$. In particular, we observe a peculiar behavior due to exponential structure of the weight. This is joint work with Željko Čučković. (Received September 01, 2014)