1136-16-186 **Nguyen Viet Dung*** (nguyend2@ohio.edu), Department of Mathematics, Ohio University, Zanesville Campus, Zanesville, OH 43701, and **José Luis García** (jlgarcia@um.es), Department of Mathematics, University of Murcia, 30100 Murcia, Spain. *Tilting cotorsion pairs and pure semisimple rings.*

A ring R is called left pure semisimple if every left R-module is a direct sum of finitely generated left R-modules. It is still unknown if left pure semisimple rings always have finite representation type. Several results in the literature have shown that, if R is a left pure semisimple hereditary ring, there is an abundance of tilting modules in the category R-mod of finitely generated left R-modules. In particular, a result of L. Angeleri Hügel in [A key module over pure-semisimple hereditary rings, J. Algebra 307 (2007), 361-376] asserts that if R is a left pure semisimple hereditary ring, then every cotorsion pair in R-Mod is generated by a finitely generated tilting module. In this talk, we present a new characterization of left pure semisimple hereditary rings by showing that the converse of Angeleri Hügel's result is true. (Received January 14, 2018)