1100-13-291   **Hailong Dao***, Department of Mathematics, University of Kansas, 405 Snow Hall, 1460 Jayhawk Blvd, Lawrence, KS 66045. *Cohen-Macaulay cones.*

(Joint work with K. Kurano) Let R be a local Cohen-Macaulay ring. Let V be the Grothendick group of modules over R modulo numerical equivalences with real coefficients. The Cohen-Macaulay cone of R is generated by non-negative combinations of the Cohen-Macaulay modules inside V. In this talk I will describe some basic questions and results about these cones. (Received February 10, 2014)