1047-16-177   **Calin Ioan Chindris*** (`calin-chindris@uiowa.edu`). *Cluster fans for quivers.*

Given a quiver without oriented cycles, one can construct its cluster algebra, and hence, its cluster fan. In fact, the underlying combinatorics of such a cluster algebra is governed by its cluster fan. In this talk, I will give an interpretation of the cluster fan of a quiver Q without oriented cycles in terms of the stability conditions and the domains of semi-invariants of Q. (Received January 27, 2009)