1052-13-28   **Irena Peeva***, Math. Dept., Cornell Univ., Ithaca, NY 14853, and **Eran Nevo**. *Powers of edge ideals.*

Edge ideals are monomial ideals defined by simple graphs. A lot of work has been done on relating the homological properties of an edge ideal to the combinatorial properties of the defining graph. This talk will discuss some cases when the minimal free resolution of a power of an edge ideal is linear. (Received July 14, 2009)