1064-14-332 **Hirotachi Abo** and **Chris Peterson*** (`peterson@math.colostate.edu`). *Locally Cohen-Macaulay unions of surfaces in P^4.*

This talk will consider several special constructions of locally Cohen-Macaulay unions of surfaces in P^4. Interest in such constructions is motivated by the apparent connection of such degenerations with varieties possessing special properties. The talk will present several instances where the combinatorial data of the degenerate union can be directly related to geometric properties of the smoothed variety. (Received September 13, 2010)