1021-08-24   **Tom Lada*** (`lada@math.ncsu.edu`), Mathematics Department, Box 8205, North Carolina State University, Raleigh, NC 27695. *Brace and ∞ - algebras.*

We will discuss A_∞ algebras in the context of the canonical brace algebra structure on the Hochschild complex of an associative algebra. A symmetric brace algebra structure on the Chevalley-Eilenberg complex similarly provides a setting for a discussion of L_∞ algebras. (Received July 10, 2006)