1035-20-1018   **Dijana Jakelic** and **Adriano Moura*** (`aamoura@ime.unicamp.br`), IMECC - UNICAMP, Campinas, Sao Paulo 13091-160, Brazil. *Finite-Dimensional Representations of Hyper Loop Algebras Over Non-Algebraically Closed Fields.*

Recently D. Jakelic and the speaker initiated the study of finite-dimensional representatios of hyper loop algebras (hyper loop algebras are certain Hopf algebras related to algebraic loop groups). In this talk we shall discuss some features of this theory when the ground field is not algebraically closed. The topics include the classification of the irreducible modules, Weyl modules, and the block decomposition. (Received September 18, 2007)