1012-17-38 **Anne Schilling***, Department of Mathematics, University of California, Davis, CA 95616. Crystal structure on rigged configurations.

Rigged configurations are combinatorial objects originating from the Bethe Ansatz, that label highest weight crystal elements. In this paper a new *unrestricted* set of rigged configurations is introduced for types ADE by constructing a crystal structure on the set of rigged configurations. In type A an explicit characterization of unrestricted rigged configurations is provided which leads to a new fermionic formula for unrestricted Kostka polynomials or q-supernomial coefficients. The affine crystal structure for type A is obtained as well. (Received August 19, 2005)