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**Margaret L Rahmoeller\*** (mlrahmoe@ncsu.edu). *Some Demazure Crystals for*  
 $U_q(A_n^{(1)})$ . Preliminary report.

The theory of crystal base provides a combinatorial approach to study representation theory of quantum affine Lie algebras. Demazure modules are certain finite dimensional subspaces of integrable highest weight modules generated by extremal vectors. In this talk we discuss the crystals associated with certain Demazure modules for the quantum affine Lie algebra  $U_q(A_n^{(1)})$ . (Received September 03, 2014)