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Claudia Miller and **Janet Striuli***, North Benson Road, Fairfield, CT 06824, and **Hamidreza Rahmati**. *A Duality Theorem for ideals of a Gorenstein ring.*

In this talk we present a duality theorem for Koszul homology modules. The result applies to all ideals in a Gorenstein ring, extending Poincare' duality. We also give some related results on strongly Cohen-Macaulay ideals. This is joint work with Claudia Miller and Hamid Rahmati. (Received February 14, 2012)