DIFFERENTIAL GEOMETRY/PDE SEMINAR

Friday, April 27, 2007
Padelford C-36
2:30–3:20pm

D-branes on Poisson varieties

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I will describe how the study of generalized complex manifolds leads to the notion of D-branes on Poisson varieties, and how these are subsequently described by generalized Kahler geometry. I will also outline the relation between these insights and the study of noncommutative algebraic varieties, specifically rational surfaces.