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**Speaker:** Weimin Chen  
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Thursday, March 22, 2012  
2:00 PM  
125 Hayes-Healy Hall

**Title:** A de-singularization formula for SW invariants of 3-orbifolds

**Abstract:**

In this talk I would like to discuss a formula relating the Seiberg-Witten invariant of a 3 orbifold with that of the underlying 3-manifold. Time permitting, I'll also describe some applications of this formula, ranging from topology of Seifert fibered 4-manifolds to calculation of Seiberg-Witten invariants of non-Kähler surfaces.