1081-58-99 **Kenji Fukaya** (fukaya@math.kyoto-u.ac.jp), , Japan, **Yong-Geun Oh*** (oh@math.wisc.edu), Department of Mathematics, Unversity of Wisconsin, 480 Lincoln Drive, Madison, WI 53706, **Hiroshi Ohta** (ohta@math.nagoya-u.ac.jp), , Japan, and **Kaoru Ono** (ono@math.sci.kokudai.ac.jp), , Japan. *Toric degeneration and non-displaceable Lagrangian tori in $S^2 \times S^2$.*

In this talk, using the idea of toric dengeration and the computation of the full potential function of the Hirzerbruch surface F_2, which is not Fano, we produce a continuum of Lagrangian tori in $S^2 \times S^2$ which are non-displaceable under the Hamiltonian isotopy. This talk is based on a joint work with Fukaya, Ohta and Ono. (Received February 02, 2012)