1117-53-198   **Rui Wang*** (`ruiw10@math.uci.edu`), 340 Rowland Hall (Bldg.# 400), University of California, Irvine, Irvine, CA 92697.
On the morphisms between lHGW and GW for symplectic reductions.

Recently, Bohui Chen and Bai-Ling Wang introduced a new Gromov-Witten type of invariants for symplectic reductions using moduli spaces of symplectic vortex equations on punctured Riemann surfaces with cylindrical ends. In my talk, I will explain how to construct morphisms from this new type of topological invariants to the well-known Gromov-Witten invariants for symplectic reductions at regular values. This is a joint work with Bohui Chen and Bai-Ling Wang. (Received January 13, 2016)