Abstract:
I will talk about Gromov-Witten theory of Calabi-Yau one-folds and Fan-Jarvis-Ruan-Witten theory of counterpart Landau-Ginzburg models. The GW invariants and FJRW invariants are enumerative counting of stable maps and sections of certain orbifold line bundles. We prove these invariants are coefficients of expansions of appropriate quasi-modular forms at different points, thus can be related by Cayley transformations.

Special Note:
There will be a pre-talk from 3:45 to 4:15.