Y.P. Lee: **Birational Transformation and degeneration in Gromov--Witten theory**

The functoriality of Gromov--Witten theory under flops, flips, blowups and transitions (degenerations followed by small resolutions) will be discussed to various degrees of depth. This talk is based on a (long-term) joint project with Hui-Wen Lin and Chin-Lung Wang (TIMS and National Taiwan University).