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Dustin James Ross*, rossd@sfsu.edu. *Higher-genus global mirror symmetry.*

Over ten years ago, Chiodo and Ruan proved a genus-zero global mirror theorem, relating the Gromov-Witten invariants of the quintic threefold to the corresponding Fan-Jarvis-Ruan-Witten invariants. Moreover, they suggested that the genus-zero relationship quantizes to an all-genus statement. In this talk, I'll describe recent work with Huailiang Chang, Shuai Guo, and Jun Li to compute higher-genus FJRW invariants and to verify the quantized global mirror theorem. (Received February 06, 2018)