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Veronica Fantini* (vfantini@sissa.it). *The extended tropical vertex group.*

In this talk, I will introduce the extended tropical vertex group. It has been defined in the context of mirror symmetry by studying the asymptotic behavior of solutions of the Maurer–Cartan equation which governs deformations of holomorphic pairs. In particular, it is a $GL(r)$ extension of the tropical vertex group introduced by Gross–Pandharipande–Siebert and it is expected to encode some Gromov–Witten invariants. (Received January 17, 2021)