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Beyond the moduli of marked rational curves

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Abstract: We describe several generalizations of the moduli space of marked rational curves, their combinatorial structure and construction methods. In particular, we report joint work with Noah Giansiracusa in which we revisit the smooth configuration space compactifying n distinct points in affine space up to translation and homothety. I will also report joint work with Kenny Ascher in understanding a good locus inside the moduli space of weighted line arrangements constructed by V. Alexeev.

Tuesday, March 1, 2016, 4:00 pm
Mathematics and Science Center: W304

MATHEMATICS AND COMPUTER SCIENCE
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