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Monopolization of Tesserons

Monopolization is a conjecture by Sergey Cherkis that all tesserons (hyperkahler gravitational instantons) may be realized as monopole moduli spaces. In the first half of the talk, we will motivate the conjecture and cover some of the mentioned monopole moduli spaces and the Gromov-Hausdorff relations between them. In the second half of the talk, I will present recent work investigating a particular Gromov-Hausdorff limit of moduli spaces of singular monopoles on R3.