Universality of Jamming in Continuous Constrained Satisfaction,

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Jamming of spheres is a critical phenomenon that enjoys of an unusual degree of universality. The critical exponent are independent from the dimensionality of space and have been computed in the infinite dimensional limit. In this talk I will show that the universality extends to a large class of continuous constraint satisfaction problems. I will show how non-convexity plays a crucial role in the universality.