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WORKSHOP “INTERACTING STOCHASTIC PARTICLE SYSTEMS”
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An interacting branching model

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I will present a model where a discrete particle system has both branching and interaction (attraction or repulsion) and a result on its large time behavior. The method involves the study of (a) the motion of the center of mass (COM) and (b) the particle system as seen from COM. Part (a) is extended for super-Brownian motion too.