

Abstract Submitted  
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**Viscoelastic properties of DNA coated colloid suspensions** CHRISTINE MIDDLETON, DAVID PINE, New York University — DNA coated colloids are a unique gel forming system because of their tunable short range attraction. The interparticle potential can be varied through the chosen DNA sticky end, the particle coating density, and the temperature. We present studies of how these parameters affect the viscoelastic properties of suspensions of DNA coated colloids around the gel transition.

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