

Abstract Submitted
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Crystallization of hard-sphere colloids.¹ BORIS KHUSID, New Jersey Inst of Tech, LEI QIAN, New Jersey Inst of Technology — Vital for a variety of industries, from 3D printing to photonics, electronics, chemicals, and pharmaceuticals, colloids also serve as an excellent model system to reveal crystallization mechanisms in condensed matter at a particle level. We present results of ongoing microgravity experiments on phase transitions in colloids of micro-spheres and micro-ellipsoids on the International Space Station.

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Boris Khusid
New Jersey Inst of Technology

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