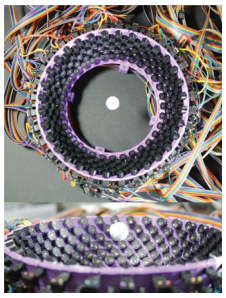

A polystyrene particle in an acoustic trap that can levitate objects larger than the sound's wavelength. Selected for a Synopsis in *Physics*. [Asier Marzo, Mihai Caleap, and Bruce W. Drinkwater Phys. Rev. Lett. **120**, 044301 (2018)]

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