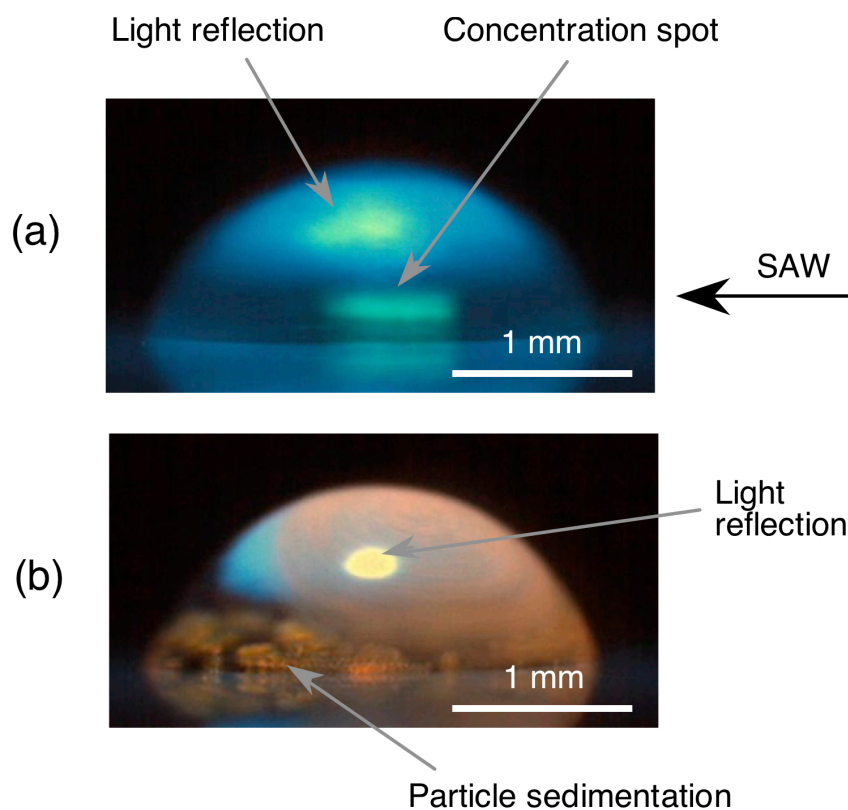


ELECTRONIC SUPPLEMENTARY INFORMATION

Exploitation of Surface Acoustic Waves to Drive Size-Dependent Microparticle Concentration Within a Droplet

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Images captured on the side of the droplet indicate that the concentration of the (a) 6 μm and (b) 31 μm particles are within the bulk and on the droplet free surface, respectively. The undesired particle sedimentation that occurs before the input power is switched on is also evident in (b).