

**18.095–IAP Mathematics Lecture Series:
Overdamped dynamics of small objects in fluids**

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The dynamics of small particles in fluids affects a wide spectrum of physical and biological phenomena, ranging from sedimentation processes in the oceans to transport of chemical messenger substances between and within microorganisms. After discussing these and other relevant examples, we will introduce the mathematical equations that describe such particle motions and study their solutions for basic test cases.

If you have any questions please contact Jörn Dunkel (dunkel@math.mit.edu).