

# Applying High-Speed Imaging Technology in Dusty Plasma and Micro-Particle Studies

Join us at the 15th Annual Dusty Plasma Workshop for a free, hands-on workshop as we explore velocities, dispersion and the basic characteristics of micro-particles in dusty plasmas. You'll also have the opportunity to experience high-speed imaging in an interactive way.

*The workshop takes place before the main event and will cover the following topics:*

- Introduction to high-speed imaging
- Importance of high-speed imaging in micro-particle studies
- Common image-based techniques (particle image velocimetry and particle tracking velocimetry)
- Illumination techniques (pulse laser, shadowgraph and Schlieren)
- Camera, lensing and lighting considerations
- Enhanced camera features

[PHANTOMHIGHSPEED.COM/SCIENCE](http://PHANTOMHIGHSPEED.COM/SCIENCE)

**Join us before the Welcoming Reception:**

**Date:** Tuesday, May 29

**Time:** 3-5 PM EST

**Location:** Near registration

**Cost:** Free



*When it's too fast to see and too important not to.®*

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