

# *Shooting-Stars at GALCIT* Ares Rosakis & Marc Adams (JPL)

## *Small Particle Hypervelocity Impact Facility (SPHIF)*

- Joint GALCIT-JPL Venture to study micrometeoroid impact
- Silicate particles launched in vacuum up to 10 km/s.

### Purpose:

- Study the basic mechanics of hypervelocity impact
- Validate numerical models
- Design shielding of JPL spacecraft and orbiting assets

