

Gravic Astronomy Workshop

Saturday, October 8, 2011

This is a general agenda for a small and informal workshop to be held at Gravic's offices in Malvern, PA USA.

Participants (as of 10/2/11)

Victor Berutti, Buddy Borders, Steve Conard, David Dunham, Russ Genet, Bruce Holenstein, Dylan Holenstein, Jeff Jarema, Rich Mitchell, Alex Thompson, and Sagar Venkateswaran,

Morning 9:30am

Welcome and Introductions (Bruce H)

Suggested Talks/Discussion Topics (We will have a projector and computer set up.)

1. Russ G.: Alt-Az Initiative goals, uses for medium-aperture scopes, progress on 1-m and 1.5-m scopes.
2. David D.: IOTA targets, multi-site deployments, weather predictions, various techniques.
3. Bruce H.: Gravic's plans to build a telescope array for high-time-resolution-astronomy (HTRA) and targets.
4. Steve C.: IOTA talk on East coast scopes.
5. Sagar V. – Super caps, cold silvering solutions and applications for astronomy and solar power collection.

Lunch

Short walk to Wegman's if nice outdoors.

Afternoon

Gravic Labs tour

1. Bimorph mirrors,
2. Various detectors & high-speed electrometer,
3. Lightweight mirrors & scopes – meniscus, pneumatic, and Starstone,
4. Cold silvering and overcoating progress,
5. High-speed cameras: Photometrics, JAI, Lumenera (Russ) & software
6. ROO demo (VFB)

Additional talks and discussions

Supporting computer software demos (as needed/wanted)

Occult4, Occult Watcher, Lunar Occultation Workbench, LiMovie, Tangra, MetaCurve, WinFluor, and others.

