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.
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.
Dinner 6:00pm
Hunt Room at the Desmond (provided by Gravic). Spouses/significant others are welcome - please let Bruce H. know the headcount.

Observing 8+ pm
Observing in Gravic’s parking lot if conditions are clear. Lunar Occultation predictions are listed below.

Gravic’s Location & Directions [http://www.gravic.com](http://www.gravic.com)
301 Lindenwood Dr. Suite 100, Malvern, PA 19355 Office number 610 647-6250, Bruce H. cell 610 405-7552. Directions: Take Rt. 202, Get off on Rt. 29 South, Turn on first right (across from the Wawa) into Valleybrooke Corporate Park. Head straight around the circle to the last building (#301). Lots of parking on the rear of the building. We are on the first floor, however the building doors may be locked and you may have to call BDH cell. ([click here for a map](http://www.gravic.com/)).

Suggested Hotel

Occult4 Occultation predictions for Malvern-Gravic
E. Longitude - 75 31 47.8,  Latitude  40 3 0.7,  Alt.  107m;  Telescope dia 50cm;  dMag 0.0

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3340 is double: ** 7.7 9.5 0.050" 149.0**
3340 has been reported as non-instantaneous (OCc 421). Observations are highly desired.
Distance of 3340 to Terminator = 18.6"; to 3km sunlit peak = 6.5"

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146334 is double: ** 9.7 9.7 0.10" 28.0**
146334 has been reported as non-instantaneous (OCc 355). Observations are highly desired.

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