

GGOS Working Group on Ground Networks and Communications (Joint Meeting with IERS Working Group 2)

**Seminar Room (SEM124)
Room-Number CB0308, 3rd floor.
Vienna University of Technology
Institute of Geodesy and Geophysics
Advanced Geodesy (128-1)**

**Gusshausstr. 27-29, 1040 Wien
April 18, 18:00 – 21:30 hours**

Agenda

- **Simulation activities to scope the future network**
 - **John Ries - bias and center-of-mass offset issues, and their impact on the TRF Scale (15 min.)**
 - **Dan MacMillan - VLBI simulations (15 min.)**
 - **Erricos Pavlis – SLR Simulations and combination simulations (15 min.)**
- **Progress on GNSS retroreflectors - Mike Pearlman (5 min.)**
- **Five minute Services briefs (IVS, ILRS, IDS, IGS, IGFS, IERS) - (30 min.)**
- **Monitoring co-location vectors (joint activity with IERS WG-2/Gary Johnston) – (2 hours)**
 - **Chopo Ma - Leica visit and demonstration at GFSC**
 - **Yoaz Bar-Sever - a GPS concept for local survey control**
 - **Peter Sperber - Ground System network survey control**
 - **Heribert Kahmen - Engineering Geodesy/ IAG Sub-Commission 4.2**
 - **Gary Johnston – Recent network control activity in Australia**
 - **Mike Pearlman – A low cost micrometer**
 - **Pierguido Sarti – Recent experiences and issues with the survey of large radio telescopes for determination of local ties.**

Monitoring Co-location Vectors

Question:

How do we monitor the vectors among co-located instruments to support mm and sub-mm global geodesy?