

Eighteenth International Workshop on Laser Ranging

Announcements and Resolutions

ILRS Governing Board 2013-2015

Director of the Central Bureau	Mike Pearlman (appointed)
Secretary of the Central Bureau	Carey Noll (appointed)
President of IAG Commission 1	Tonie Van Dam (appointed)
IERS Representative	Bob Schutz (appointed)
EUROLAS Network Representatives	Giuseppe Bianco, Georg Kirchner
NASA Network Representatives	David McCormick, Jan McGarry
WPLTN Network Representatives	Wu Bin, Toshi Otsubo
Data Center Representative	Horst Mueller
LLR Representatives	Juergen Mueller
Analysis Representatives	Cinzia Luceri, Erricos Pavlis
At-Large Representatives	Ulli Schreiber, Matt Wilkinson
Retiring Chair	Graham Appleby

Retiring Members ILRS Governing Board 2012-13

- EUROLAS Network Representative Francis Pierron
- WPLTN Network Representative Hiroo Kunimori
- At-Large Representative Graham Appleby (Chair 2010-2013)

ILRS Working Groups 2011 - 2013

- Analysis
 - E. Pavlis/C. Luceri
- Missions
 - T. Otsubi/S. Wetzel
- Data Formats and Procedures
 - H. Mueller/R. Ricklefs
- Networks and Engineering
 - G. Kirchner/M. Wilkinson
- Transponder
 - U. Schreiber/J. Degnan/J. McGarry

Resolution from the Eighteenth International Workshop on Laser Ranging

- Recognizing:
 - The increasing importance of SLR to the improvement of GNSS performance;
 - The necessity of the SLR technique to the improvement of time, frequency, and ephemeris data products from GNSS;
 - The significant contribution of GGOS to the development of GNSS measurement accuracy through co-location with SLR and other measurement techniques; and
 - The enhancement in station performance that we expect from the next generation SLR systems
 - The availability of full satellite characteristics
- The Participants of the 18th International Workshop on Laser Ranging recommend that:
 - **With the fully loaded GLONASS system as an example; the ILRS develop a GNSS tracking strategy and on the basis of it, implement a mission (program) to track GNSS satellites with retroreflectors;**
 - Multi-constellation GNSS receivers (Glonass, GPS, Compass, etc) be co-located at all ILRS stations to improve measurement performance of GNSS and to support GGOS development;
 - All SLR stations should be members of ILRS and participate in the GGOS project.

Requested for Glonass Satellites

Each participating station should make its best effort to provide two passes per day on each satellite in the Glonass constellation, one pass in day-time and one pass in night-time, with each pass having 2 NP (1000 fr or 5 minutes), spaced widely apart in the orbit.

Multi-constellation GNSS receivers could be offered by Precision Systems and Instruments JSC for all interested ILRS stations; the data from the receivers would also be submitted to the IGS data center for use by the international community.

Resolution from the Eighteenth International Workshop on Laser Ranging

The participants of the Eighteenth International Workshop on Laser Ranging express their

- **appreciation for the funding support from the**
 - **National Institute of Information and Communication Technology (NICT)**
 - **Society for Promotion of Space Science (SPSS)**
 - **Geodetic Society of Japan, and**
 - **Support Center for Advanced Telecommunications Technology Research (SCAT)**
- **gratitude for the academic support from the**
 - **Geodetic Society of Japan**
 - **Japan Society for Aeronautical and Space Sciences**
 - **Science Council of Japan**
- **Overwhelming gratefulness to the**
 - **Local Organizing Committee**
 - **Program Committee; and**
 - **All of those who worked on the event;**

for making the Workshop a very successful and enjoyable event.