

19th Celebrating 50 Years of SLR

Remembering the Past and Planning for the Future

International Workshop on Laser Ranging

First Circular

Nineteenth International Workshop on Laser Ranging

“Celebrating 50 Years of SLR: Remembering the Past and Planning for the Future”

The International Laser Ranging Service (ILRS), the National Aeronautics and Space Administration (NASA), and the Smithsonian Astrophysical Observatory are pleased to announce that the 19th International Workshop on Laser Ranging will be held in Annapolis Maryland during the week of October 27-31, 2014 at the Historic Inns of Annapolis. The workshop venue will be held in the heart of Annapolis, which serves as the state capital of Maryland and is also known as America’s Sailing Capital. The city is located near the Chesapeake Bay and is situated between the cities of Washington D.C. and Baltimore Maryland. Numerous restaurants, quaint shops, historic attractions, and waterfront are all within walking distance of the venue.

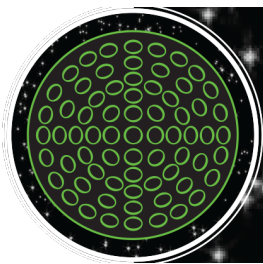
NASA Goddard Space Flight Center (GSFC) has the unique opportunity to host this event at the birthplace of SLR: October 31, 2014 will mark the 50th anniversary of the first successful SLR measurement, conducted at what is now the Goddard Geophysical and Astronomical Observatory, GGAO. The theme for this workshop, “Celebrating 50 Years of SLR: Remembering the Past and Planning for the Future” will allow us to look back on our many accomplishments and present plans for future advances in SLR technology and science.

To honor the anniversary, we plan to spend one day, Wednesday October 29, at NASA GSFC where we will host a morning session followed by tours of Goddard facilities. The day will close with a social event at the GGAO where we will host an outdoor barbeque and give evening tours of NASA’s next generation space geodesy systems.

Program Topics:

- History of SLR
- Science through the Missions
- Future Missions
- GNSS and Beyond
- Advanced Technologies (related to ground and space components of SLR)
- New Applications (synergies with laser communication, orbital debris, time transfer, planetary ranging, and other techniques)
- Core Sites
- Station Clinics





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The local organizing committee has created a web portal for meeting registration:

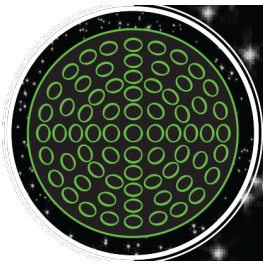
https://www.hou.usra.edu/meeting_portal/iofi/

New users will initially create an account and complete a profile. Once completed, attendees are then able to select the workshop from the list of meetings and press SUBMIT to view the “Indication of Interest” form. **All potential attendees, particularly non-U.S. citizens, are STRONGLY encouraged to access the portal now and complete this “Indication of Interest” form.** The local organizing committee requires attendee information in order to plan for a successful session and tour at Goddard Space Flight Center on Wednesday, October 29. Attendees will also use this portal to submit abstracts for one of the topics listed above. At this time the “Indication of Interest” and “Abstract Submission” are the only active portions of the registration portal.

Program Committee:

- Graham Appleby, NERC Space Geodesy Facility, UK
- Giuseppe Bianco, ASI, Italy
- Ludwig Combrinck, Hartebeesthoek Radio Astronomy Observatory, South Africa
- John Degnan, Sigma Space Corporation, USA
- Georg Kirchner, Space Research Institute, Austrian Academy of Sciences, Austria
- Hiroo Kunimori, National Institute of Information and Communications Technology, Japan
- Jan McGarry, NASA GSFC, USA
- Stephen Merkowitz, NASA GSFC, USA
- Chris Moore, Electro Optic Systems Pty Ltd, Australia
- Jürgen Müller, University of Hannover/Institut für Erdmessung, Germany
- Shinichi Nakamura, Japan Aerospace Exploration Agency, Japan
- Carey Noll, NASA GSFC, USA
- Toshimichi Otsubo, Hitotsubashi University, Japan
- Erricos Pavlis, University of Maryland Baltimore County, USA
- Michael Pearlman, Harvard-Smithsonian Center for Astrophysics, USA
- Ivan Prochazka, Technical University of Prague, Czech Republic
- Ulrich Schreiber, BKG/Geodaetisches Observatorium Wettzell, Germany
- Andrey Sokolov, OJC “RPC “PSI”, Russia
- Jean-Marie Torre, OCA, France
- Scott Wetzell/Honeywell Technology Solutions, Inc., USA
- Matt Wilkinson, NERC Space Geodesy Facility, UK
- Zhang Zongping, Shanghai Observatory, China





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Local Organizing Committee:

- Carey Noll/NASA GSFC
- John Degnan/ Sigma Space Corporation
- Jan McGarry/NASA GSFC
- Diana Khachadourian/ASRC
- David McCormick/NASA GSFC
- Stephen Merkowitz/NASA GSFC
- Michael Pearlman/CfA
- Lynette Queen/USRA
- Mark Torrence/SGT Inc.
- Scott Wetzel/Honeywell Technology Solutions, Inc.

Important Dates:

- Indication of Interest Deadline: **MONDAY, JUNE 30, 2014**
- Registration Deadline: **FRIDAY, SEPTEMBER 5, 2014**
- Abstract Deadlines: **FRIDAY, SEPTEMBER 5, 2014**
- Hotel Reservation Deadline: **TBD**

For more information, visit the workshop website:

<http://ilrs.gsfc.nasa.gov/ilrw19>

