

FIRST ANNOUNCEMENT

The 23rd International Workshop on Laser Ranging

Kunming - China, Oct.20th–26th, 2024



The Yunnan Observatories and the International Laser Ranging Service (ILRS) are pleased to announce that the 23rd International Workshop on Laser Ranging will be held in Kunming, China during 20-26 October 2024.

Proposed session topics include:

Scientific application of satellite laser ranging data	<ul style="list-style-type: none">✓ SLR Contribution to Global Geodetic Observing System✓ Improvements in the SLR Product Quality & Precise Orbit Determination✓ Satellite Missions & Techniques for Geodetic Applications
Development of satellite laser ranging technology	<ul style="list-style-type: none">✓ New devices and technologies✓ Developments in instrumentation, detectors, timing systems, laser systems & laser safety
Lunar Laser Ranging & Deep Space Missions	<ul style="list-style-type: none">✓ Advances in lunar laser ranging✓ Future deep space missions✓ Interplanetary laser ranging perspectives
Developments in Software & Automation	<ul style="list-style-type: none">✓ Software techniques including automation/autonomous processes, scheduling & data processing✓ Operational safety✓ Optimised scheduling
Space Debris Sessions	<ul style="list-style-type: none">✓ Sensors & Satellite Tracking✓ Orbit Determination & Propagation✓ Conjunction Analysis & Collision Avoidance✓ Mitigation & Remediation
Corner cube reflector	<ul style="list-style-type: none">✓ Design and development of new corner cube reflector

LOC

Yuqiang Li (Chair)	YNAO, China
Zhulian Li	YNAO, China
Rongwang Li	YNAO, China
Honglin Fu	YNAO, China
Dongsheng Zhai	YNAO, China
Yongzhang Yang	YNAO, China
Rufeng Tang	YNAO, China
Kai Tang	SHAO, China
Zhipeng Liang	CHO, China
Xiaoyu Pi	YNAO, China
Xiaoli Su	YNAO, China
Haitao Zhang	YNAO, China

PARTICIPATION

Researchers from all over the world are welcome to discuss current research progress and future collaborations.

MAIN TOPICS

- Introduction of SLR data science application
- Presentation and progress report for Data quality and stability
- Presentation and progress report for SLR and LLR technique
- Presentation and progress report for Automatic ranging system
- Presentation and progress report for Space Debris technique

REGISTRATION

All necessary measures have been taken to ensure the security of personal information provided for registration. Your personal information will only be used for registering for this conference. Please provide your personal information with registration, for the Invitation Letter to be issued to you for Chinese visa applications.

IMPORTANT DATES

- Registration and Call for Abstracts Open –21st March 2024
- Abstract Closing Date –2nd September 2024
- Notification of accepted oral and poster presentations –23rd September 2024
- Presenter registration complete –30th September 2024

CONTACTS

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