

# PROGRAM AT A GLANCE

**21<sup>ST</sup> INTERNATIONAL WORKSHOP ON LASER RANGING**

5 – 9 NOVEMBER 2018  
CANBERRA, AUSTRALIA

DATE	SUNDAY 4 NOVEMBER	MONDAY 5 NOVEMBER	TUESDAY 6 NOVEMBER	WEDNESDAY 7 NOVEMBER	THURSDAY 8 NOVEMBER	INTERNATIONAL WORKSHOP ON SPACE DEBRIS MANAGEMENT AND MITIGATION  FRIDAY 9 NOVEMBER	
LOCATION	Mt Stromlo Observatory	John Curtin School of Medical Research (JCSMR)	JCSMR	JCSMR	JCSMR		
8:00 - 8:30			<b>SPACE DEBRIS STUDY MEETING</b>			TIME	JCSMR
8:30 - 8:45	ASC	<b>Opening Session</b>	<b>Session 3</b>	<b>Session 6</b>	<b>Session 8</b>	8:25 - 8:30	Opening Session
8:45 - 9:30		Keynote <b>Thomas Herring</b> Professor of Geophysics, MIT	Satellite Missions & Techniques for Geodetic Applications	Characteristics of Retroreflector Arrays	Developments in SLR Techniques & Technologies	8:30 - 9:00	Keynote <b>Moriba Jah</b> Assoc. Professor University of Texas
9:30 - 10:00		<b>Session 1</b>  SLR Contribution to Global Geodetic Observing System – A 2020 Perspective				9:00 - 10:30	Sensors & Satellite Tracking Session
10:00 - 10:30	<b>MORNING TEA</b>	<b>MORNING TEA</b>	<b>MORNING TEA</b>	<b>MORNING TEA</b>	<b>MORNING TEA</b>	10:30 - 11:00	<b>MORNING TEA</b>
10:30 - 12:00	ASC	<b>Session 1 Continued</b>  SLR Contribution to Global Geodetic Observing System – A 2020 Perspective	<b>Session 3 Continued</b>  Satellite Missions & Techniques for Geodetic Applications	<b>Session 7</b>  Developments in Software & Automation	<b>Session 8 Continued</b>  Developments in SLR Techniques & Technologies	11:00 - 12:30	Orbit Determination & Propagation Session
12:00 - 13:30 (Sun, Mon, Wed, Thurs) 12:00 - 13:00 (Tues)	<b>LUNCH</b>	<b>LUNCH &amp; POSTER SESSION A</b>		<b>LUNCH &amp; POSTER SESSION B</b>		12:30 - 13:30	<b>LUNCH &amp; SPACE DEBRIS POSTER SESSION</b>
13:30 - 15:00 (Sun, Mon, Wed, Thurs) 13:00 - 15:00	ASC	<b>Session 2</b>  Improvements in the SLR Product Quality & Precise Orbit Determination	<b>Session 4</b>  Network Operations & Site Upgrades	<b>Clinic Sessions</b>	<b>Session 9</b>  Lunar Laser Ranging & Site Deep Space Missions	13:30 - 15:00	Conjunction Analysis & Collision Avoidance Session
15:00 - 15:30	<b>AFTERNOON TEA</b>	<b>AFTERNOON TEA</b>	<b>AFTERNOON TEA</b>	<b>AFTERNOON TEA</b>	<b>AFTERNOON TEA</b>	15:00 - 15:30	<b>AFTERNOON TEA</b>
15:30 - 17:00 (Sun, Mon, Wed, Thurs) 15:30 - 17:30 (Tue)	ASC	<b>Session 2 Continued</b>  Improvements in the SLR Product Quality & Precise Orbit Determination	<b>Session 5</b>  Sources of Systematic Errors	<b>Clinic Sessions</b>	Wrap-up & Close	15:30 - 17:00	Mitigation & Remediation Session
						17:00 - 17:30	Closing Session Keynote <b>Ben Greene</b> Group CEO Electro Optic Systems
17:00 - 19:00 (Sun, Mon, Wed, Thurs) 17:30 - 19:30 (Tue)	ILRS GB  <b>KEY</b>	<b>WELCOME RECEPTION</b>  JCSMR Foyer  <b>Sponsored by the ACT Government</b>	MSC  NESC	DFPSC  TSC	ILRS GB	18:00 - 21:00	<b>EOS Space Research Centre Telescope Tour</b>
19:00 - 22:00 (Wed)	ASC: Analysis Standing Committee DFPSC: Data Formats and Procedures Standing Committee MSC: Missions Standing Committee NESC: Networks and Engineering Standing Committee TSC: Transponders Standing Committee GB: Governing Board (invitation only) JCSMR: John Curtin School of Medical Research			<b>BANQUET</b>  <b>National Arboretum</b>			<b>Includes BBQ at Mt Stromlo Observatory</b>