

New Millennium Program and Living with a Star Technology Provider Partnership  
Workshop  
Agenda

Day One

<b>Day One (August 23, 2000)</b>		
<b>Time</b>	<b>Event</b>	<b>Presenter</b>
8:00	<p><b>Introduction and Workshop Objectives:</b> Describes background and purpose of workshop. Describes processes to be used to engage technology providers of high priority technologies in space flight validation and space environments testing.</p>	Dr. Dana Brewer
8:30	<p style="text-align: center;"><b>Program Overviews</b></p> <ul style="list-style-type: none"> <li>- New Millennium Program (NMP)</li> <li>- Living With A Star Program (LWS)</li> <li>- NMP Subsystem Technology Validation</li> <li>- Space Environment Testbed (SET)</li> </ul> <p>Describes objectives of NMP and LWS Program. Explains the process to be used for identifying and securing subsystem technologies for space flight validation. Discusses capability-needs assessment process and results, and the technology solutions identified to date. Describes flights-of-opportunity and Space Technology Carrier concept for access to in-space technology validation.</p> <p>Describes the role of the SET Program in the LWS Program architecture. SET Program goals, tasks, and implementation plan will be discussed. The current testbed concept and criteria for experiment selection will be reviewed.</p>	Dr. Fuk Li Dr. George Withbroe Dr. Christopher Stevens Janet Barth
10:00	<p><b>NMP-LWS Space Test Decision Tree</b> Describes the decision tree used to differentiate between technologies to be tested by LWS and those to be flight validated by NMP.</p>	Dr. Dana Brewer
10:20	<p><b>Space Test and Flight Validation Partnerships</b> Describes the types of partnerships being sought by LWS and NMP for technology development, space test and access to space.</p>	Dr. Christopher Stevens Janet Barth
10:45	<p><b>Selection of Breakout Group Topics and Assignment of Participants</b> Describes workshop products. Divides technology providers into the following pre-selected breakout group topics:</p> <p>LWS:</p> <ul style="list-style-type: none"> <li>- Spacecraft Charging/Discharging</li> <li>- Degradation Shielding Properties of Materials</li> </ul>	David Spencer  Breakout Session Chairs:  Dale Furgeson Edward Long

	<ul style="list-style-type: none"> <li>- Microelectronics</li> <li>- Detector Technologies</li> </ul> <p>NMP:</p> <ul style="list-style-type: none"> <li>- Lightweight Deployable Technologies</li> <li>- Spacecraft Miniaturization Technologies</li> <li>- Autonomy Technologies</li> </ul>	<p>Sammy Kayali Lee Feinberg</p> <p>Christopher Moore Jack Stocky Abdullah Aljabri</p>
11:00	<p><b>Breakout Sessions</b> Presentations from technology providers on technology capability, level of technology maturity, rationale for flight validation/test, resource requirements and interfaces, validation/test approach (experiment) cost and co-funding options.</p>	Breakout Session Chairs
12:00 – 1:30	<b>Lunch</b>	
1:30	<p><b>Breakout Sessions-continued</b> Continue presentations as described above</p>	Breakout Session Chairs
3:30	<p><b>Breakout Sessions-continued</b> Begin assessment of priorities based on capability needs, probability of availability, suitability for subsystem validation/test and opportunities for partnering. For component and assembly-level technologies explore bundling to produce subsystem, where appropriate.</p>	Breakout Session Chairs
5:30	<b>Adjourn Breakout Sessions</b>	

<b>Day Two (August 24, 2000)</b>		
8:00	<p><b>Recap in Breakout Sessions</b> Seek assessment inputs from group leads/facilitators on issues and concerns with the progress towards producing products. Provide guidance and answer questions.</p>	Breakout Session Chairs
8:30	<p><b>Breakout Sessions-continued</b> Group leads/facilitators begin process of producing workshop products. Seek agreement on technology capability, maturity, resource requirements and validation/test parameters. Document subsystem technology validation candidates.</p>	Breakout Session Chairs
12:00- 1:30	<b>Lunch</b>	
1:30	<p><b>Breakout Sessions-continued</b> Finalize reports from each group. Prepare summary charts for report-out session.</p>	
2:30	<p><b>Breakout Session Reports</b> Each group presents the results of their deliberations. Workshop attendees have opportunity to ask questions and make suggestions on content of workshop products.</p>	Breakout Session Chairs
3:30	<b>Workshop Recap and Closing Remarks</b>	NMP/LWS Program
4:30	<b>Adjourn</b>	