

THE AIR FORCE OFFICE OF SCIENTIFIC RESEARCH



**AFOSR/NASA/SNL**

**W O R K S H O P**

Dr. Schmisser | Mar 13-14 | Monterey, CA

## Agenda

Day 1 – Thursday, March 13, 2008

Time	Topic	Speaker
0730–0800	Registration and Speaker Setup	
0800–0830	Introductions, Background Missions of Interest, System Implications	<b>John Schmisser</b> AFOSR
0830–1030	Ablator Modeling - Historical Perspectives, Surface Ablation and In-Depth Modeling	<b>Bernie Laub</b> NASA
1030–1045	<b>BREAK</b>	
1045–1130	Sandia Aerothermal Experience	<b>Don Potter</b> SNL
1130–1215	Ablation Code Development at Sandia	<b>Ben Blackwell</b> SNL
1215–1345	<b>LUNCH</b>	
1345–1430	Case Study: The MSL Story	<b>Robin Beck</b> NASA
1430–1445	Case Study: The Needs of the Air Force	<b>Ryan Gosse</b> AFRL
1445–1530	Case Study: The CEV Story	<b>Raj Venkatapathy</b> NASA
1530–1545	<b>BREAK</b>	
1545–1630	The Sandia Perspective	<b>Dave Kuntz</b> SNL
1630–1730	Contributed Presentations (by request)	
1730–1830	<b>FREE TIME</b>	
1830–2100	Dinner - Honoring Bernie Laub	

# Agenda

Day 2 – Friday, March 14, 2008

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
0730–0800	Registration and Speaker Setup	
0800–0900	A Perspective on the Material Science of Ablators	<b>Don Ellerby</b> NASA <b>Mairead Stackpoole</b> NASA
0900–1000	Developing, Producing and Maturing Advanced Ablator Materials	<b>Bill Congdon</b> NASA
1000–1015	<b>BREAK</b>	
1015–1055	Materials Testing - Arc Jets and Lasers	<b>Joe Hartman</b> NASA
1055–1115	Solar Facilities for TPS Materials Testing	<b>Justin Smith</b> TPS Materials Testing
1115–1215	Group Discussion	All
1215–1245	Wrap-up	All
1245	<b>MEETING ADJOURNED</b>	