

# Agenda

## SunShot CSP System Integration Workshop San Diego Marriott Del Mar Hotel - San Diego, CA



Thursday - April 21st			
8:00 - 8:30	Continental Breakfast		
	Opening Plenary Workshop Session		
8:30 - 9:00	Mark Lausten	DOE Technology Manager	CSP Integraton Workshop Introduction
9:00 - 9:30	Geoff Gulluzzo	Black & Veatch	CSP Integration Research and Facility Planning
9:30 - 10:00	Larry Stoddard	Black & Veatch	History Lesson: Leading up to Solar II
10:00 - 10:30	Break		
	3 Separate Tracks - Facilitated Discussion of System Barriers and Research Priorities		
10:30 - 12:00	Direct sCO <sub>2</sub> - Lausten/Shultz	Molten Salt - Vijay/Prescod	Solid Particle - Bauer/Rueckert
	Define Conceptual Systems: Major Components * Equipment List BOS * Boundary Conditions Interfaces * Materials * Integration of Components Key System Evaluation Metrics * Key System Development Needs (Weak Link) * Major Commercial Challenges		
12:00 - 1:00	Lunch		
1:00 - 1:30	Mark Lausten	US Department of Energy	Summary of System Results - Intro to Component
	3 Separate Tracks - Facilitated Discussion of Component Barriers and Research Priorities		
1:30 - 3:00	Storage - Shultz/Rueckert	Receivers - Vijay/Prescod	Heat Exchangers - Bauer/Lausten
	Identify Component Development Needs: Current Best In Class Results * Material Research Needs * Critical Operation Conditions Critical Development Needs * Critical Integration Gaps * Testing and Facility Needs		
3:00 - 3:30	Break		
	Facilitated Discussion Facility and Research Needs		
3:30 - 4:30	DOE Chairs	US Department of Energy	Near Term Integrated Test and Research Needs Fully Integrated Demonstration
4:30 - 5:00	Mark Lausten	DOE Technology Manager	Closing Workshop Comments