



**Space Environment Utilization Working Group
&
Pacific International Space Center
for Exploration Systems (PISCES) Project Team
Meeting Agenda**

*Hapuna Ballroom - Makai Salon
Hapuna Beach Prince Hotel, Kohala Coast, Hawaii
November 14-15, 2006*

Date	Time	Event
Nov. 14 (Tuesday)	8:30 – 10:00	Space Environment Utilization Working Group (ISSC/PISCES Project Teams) <i>Opening Remarks:</i> Frank Schowengerdt, President <i>SpacePartnerships.com</i> Osamu Odawara, Professor <i>Tokyo Institute of Technology</i> Alex Ignatiev, Professor <i>University of Houston</i> Youichi Hasegawa, Chief Engineer <i>Administration and Planning Dept., Japan Manned Space Systems Corporation (JAMSS)</i>
	10:00 – 10:15	Refreshment Break <i>Hapuna Ballroom Foyer</i>
	10:15 – 12:00	PISCES Project Team Session I <i>How PISCES will Work - Interactions with Academia, Government and Industry:</i> Frank Schowengerdt (for the US) <i>President, SpacePartnerships.com</i> Osamu Odawara (for Japan) <i>Professor, Tokyo Institute of Technology</i> <i>The Role of the University of Hawaii in PISCES</i> Robert Fox <i>Chair, Dept. of Physics and Astronomy/UH-Hilo</i> <i>Discussion on Space Education</i> All participants

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Date	Time	Event
Nov. 14 (Tuesday)	12:00 – 13:30	Luncheon <i>Hapuna Ballroom II (Mauka Salon)</i> Speaker: Dr. Osama Odawara, <i>Tokyo Institute of Technology</i> Topic: <i>New Ideas for Space Exploration from Japan</i>
	13:30 – 15:15	PISCES Project Team Session II <i>In-Situ Resource Utilization</i> <i>NASA's ISRU Program</i> Jerry Sanders <i>Director, NASA ISRU Program, NASA JSC</i> <i>Planetary Excavation and Resource Extraction</i> Angel Abbud-Madrid <i>Director Center for Space Resources,</i> <i>Colorado School of Mines</i> <i>Combustion Synthesis for ISRU</i> Eiji Miyazaki <i>Electronic, Mechanical Components and Materials</i> <i>Engineering Group, JAXA</i> <i>Japanese Activities on Space Suits</i> Tadashi Maruyama <i>Tokyo Institute of Technology</i> <i>Astronaut Health and Training</i> Lori Simms <i>Consultant</i>
Nov. 15 (Wednesday)	8:30-10:00	PISCES Project Team Session III <i>Robotics</i> Neville Marzwell <i>Manager Advanced Concepts, NASA JPL</i> Shu Usuba <i>Agency of Industrial Science & Technology, METI</i> Koichi Niihara <i>Nagaoka University of Technology</i> <i>Technology Themes on Human Space Activities</i> Mitsuru Ohnishi <i>Advanced Space Technology Research Group,</i> <i>JAXA</i>

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Date	Time	Event
Nov.15 (Wednesday)	10:00 – 10:15	Refreshment Break <i>Hapuna Ballroom Foyer</i>
	10:15 – 11:45	PISCES Project Team Session IV <i>Establishing and Developing PISCES</i> Frank Schowengerdt, President <i>SpacePartnerships.com</i> Osamu Odawara, Professor <i>Tokyo Institute of Technology</i> <i>Possible Locations for PISCES</i> Mark Henley <i>Boeing Phantom Works</i> <i>General Discussion on PISCES</i> Frank Schowengerdt, President <i>SpacePartnerships.com</i> Osamu Odawara, Professor <i>Tokyo Institute of Technology</i> <ul style="list-style-type: none">• <i>Description of Facilities</i>• <i>Budget</i>• <i>Sources of Funds</i>• <i>Fundraising</i>