



2006 JUSTSAP Symposium

“Expanding Japan-U.S. Collaboration in Space”

Hapuna Beach Prince Hotel

Kohala Coast, Hawaii

November 12-16, 2006

Date	Time	Event
Nov. 12 (Sunday)		<u>Pre-Symposium Activities</u>
	13:00 – 18:00	Delegate Registration <i>Hapuna Breezeway</i>
	13:00 – 15:00	Preliminary Working Group Meetings <ul style="list-style-type: none"> • Space Environment Utilization <i>Hapuna Ballroom II (Mauka Salon)</i> • Space Power & Infrastructure <i>Executive Board Room A</i> • Space Applications <i>Executive Board Room B</i>
	15:00 – 17:30	JUSTSAP Steering Committee Meeting I <i>Executive Board Room A</i>
	18:30 – 21:00	Delegate Reception <i>Ocean Terrace Lawn</i> Host: JUSTSAP Secretariat
Nov. 13 (Monday)	7:30 – 15:00	Delegate Registration <i>Hapuna Ballroom Foyer</i>
	7:00 – 8:00	Continental Breakfast <i>Hapuna Breezeway</i>
		<u>OPENING CEREMONIES</u> <i>Hapuna Ballroom I (Makai Salon)</i>
	8:00 – 8:30	<i>Words of Welcome</i> <ul style="list-style-type: none"> Mr. Takaji Kuroda, Vice-Chairman <i>JUSTSAP Japan Association</i> Dr. Rose Tseng, Chancellor <i>University of Hawaii at Hilo</i> Mr. Mark McGuffie, Executive Director <i>Hawaii Island Economic Development Board</i> Mr. Ted Liu, Director <i>Dept. of Business, Economic Development & Tourism/State of Hawaii</i>

Date	Time	Event
Nov. 13	8:30 – 8:45	<i>Symposium Focus & Objectives</i> Mr. Stephen Day, Chairman JUSTSAP
	8:45 – 9:00	<i>The Year in Retrospective</i> Dr. Takashi Iida <i>Vice-Chairman, JUSTSAP – Japan</i> Dr. Frank Schowengerdt <i>Vice-Chairman, JUSTSAP – United States</i>
	9:00 – 9:15	<i>Hawaii’s Expanding Mission in Aerospace</i> The Honorable George R. Ariyoshi <i>Former Governor of Hawaii and JUSTSAP Honorary Advisor/United States</i>
	9:15 – 9:45	<i>Keynote Address: Building International Bridges to Space</i> Lt. Col. Michael R. Clifford <i>Director, Technology Development International Space Station Program – The Boeing Company NASA Astronaut – STS 53, 59 & 76</i>
	9:45 – 9:50	<i>Symposium Agenda & Logistics</i> Mr. Jim Crisafulli <i>Executive Director, JUSTSAP Secretariat</i>
	9:50 – 10:15	<i>Group Photo Session & Refreshment Break</i> <i>Hapuna Ballroom Foyer</i>
	10:15 – Noon	<u>SPACE EXPLORATION ROUNDTABLE</u> <i>New Options & Opportunities to Engage the Space Frontier</i> <i>Hapuna Ballroom I (Makai Salon)</i> Moderator: Mr. Stephen Day, <i>JUSTSAP Chairman</i> Panelists: Ms. Kendra Horn, Government Affairs Manager <i>The Space Foundation</i> Mr. Michael Kearney, President <i>SPACEHAB</i> Mr. Steve Heard, CEO & Executive Producer <i>The Futures Channel</i> Dr. Daniel Rasky, Director <i>Space Portal – NASA Research Park</i> Dr. John Kohut, Program Manager <i>Integrated Space Exploration – Raytheon Company</i> Lt. Col. Michael R. Clifford, Director <i>ISS Technology Development – The Boeing Company</i> Dr. Stephen Hoffman, SAIC Senior Systems Engineer <i>Constellation Program Office – NASA Johnson Space Center</i>

Date	Time	Event
Nov. 13	Noon – 13:30	Desinare Occidentale <i>Hapuna Ballroom II (Mauka Salon)</i> Host: JUSTSAP Secretariat Speaker: Dr. Richard Lutz <i>Institute of Marine & Coastal Sciences, Rutgers University</i> Topic: <i>Exploring the Deep Sea and its Implications for Space Exploration</i>
		<u>NEW VISION PLENARY</u> <i>Hapuna Ballroom I (Makai)</i>
	13:30 – 13:45	<i>Project Team Approach: Process, Goals & Deliverables</i> Mr. Stephen Day, <i>JUSTSAP Chairman</i>
	13:45 – 14:15	<i>Pacific International Space Center for Exploration Systems</i> Dr. Frank Schowengerdt, <i>Spacepartnerships.com</i> Dr. Osama Odawara, <i>Tokyo Institute of Technology</i>
	14:15 – 14:45	<i>International Space Station Commercialization</i> Dr. Alex Ignatiev, <i>University of Houston</i> Mr. Youichi Hasegawa, <i>Japan Manned Space Systems Corporation</i>
	14:45 – 15:15	<i>Space Energy Systems</i> Dr. John Mankins, <i>ARTEMIS Innovation Management Solutions</i> Dr. Nobuyuki Kaya, <i>Kobe University</i>
	15:15 – 15:30	Refreshment Break <i>Hapuna Ballroom Foyer</i>
	15:30 – 18:00	Open Time
	18:30 – 21:00	Reception & Dinner <i>Poolside Terrace – Hapuna Prince</i> Host: JUSTSAP Secretariat
Nov. 14 (Tuesday)	7:30 – 8:30	Continental Breakfast <i>Hapuna Breezeway</i>
	8:30 – 10:00	<u>Working Group Meetings</u> <ul style="list-style-type: none">• Space Environment Utilization <i>Hapuna Ballroom I (Makai Salon)</i>• Space Power & Infrastructure <i>Koa Room</i>• Space Applications <i>Milo Room</i>
	10:00 – 10:15	Refreshment Break – <i>Hapuna Ballroom Foyer</i>

Date	Time	Event
Nov. 14	10:15 – 12:00	<u>Project Team Meetings</u> <ul style="list-style-type: none">• PISCES Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• ISS Commercialization Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• Space Energy Systems Project Team <i>Koa Room</i>• Space Applications <i>Milo Room</i>
	12:00 – 13:30	Desinare Orientale <i>Hapuna Ballroom II (Mauka Salon)</i> Host: JUSTSAP Japan Association Speaker: Dr. Osama Odawara, <i>Tokyo Institute of Technology</i> Topic: <i>New Ideas for Space Exploration from Japan</i>
	13:30 – 15:15	<u>Project Team Meetings</u> <ul style="list-style-type: none">• PISCES Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• ISS Commercialization Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• Space Energy Systems Project Team <i>Koa Room</i>• Space Applications <i>Milo Room</i>
	15:15 – 15:30	Refreshment Break <i>Hapuna Ballroom Foyer</i>
	15:30 – 18:00	General Assembly of JUSTSAP Japan <i>Hapuna Ballroom II (Mauka)</i>
	18:30 – 21:00	Reception & Dinner <i>Kamani Room – Hapuna Prince</i> Host: JUSTSAP Japan Association
Nov. 15 (Wednesday)	7:30 – 8:30	Continental Breakfast <i>Hapuna Breezeway</i>
	8:30 – 10:00	<u>Project Team Meetings</u> <ul style="list-style-type: none">• PISCES Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• ISS Commercialization Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• Space Energy Systems Project Team <i>Koa Room</i>• Space Applications <i>Milo Room</i>

Date	Time	Event
Nov. 15	10:00 – 10:15	Refreshment Break <i>Hapuna Ballroom Foyer</i>
	10:15 – 11:45	<u>Project Team Meetings</u> <ul style="list-style-type: none">• PISCES Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• ISS Commercialization Project Team <i>Hapuna Ballroom I (Makai Salon)</i>• Space Energy Systems Project Team <i>Koa Room</i>• Space Applications <i>Milo Room</i>
	11:45 – 13:00	Desinare Internationale <i>Hapuna Ballroom II (Mauka Salon)</i> Host: JUSTSAP Secretariat Speaker: Dr. Chuck Lauer <i>VP for Business Development – Rocketplane Kistler</i> Topic: <i>Developing a Global Hub for Commercial Space Flight in Hawaii</i>
	13:15 – 15:30	JUSTSAP Steering Committee Meeting II <i>Executive Board Room A</i>
	15:45 – 21:00	<i>Depart for Kahua Ranch & Paniolo Bar-B-Que</i>
Nov. 16 (Thursday)	8:00 – 9:00	Continental Breakfast <i>Hapuna Breezeway</i>
		<u>CLOSING PLENARY</u> <i>Hapuna Ballroom I (Makai Salon)</i>
	9:00 – 10:30	Project Reports <i>Working Group/Project Team Leaders</i> <ul style="list-style-type: none">• Pacific International Space Center for Exploration Systems (PISCES)• Space Energy Systems (SES)• International Space Station Commercialization (ISSC)
	10:30 – 10:45	Steering Committee Report Mr. Stephen Day, <i>Steering Committee Chairman</i>
	10:45 – 11:00	JUSTSAP Awards Presentation Mr. Jim Crisafulli, <i>Executive Director - JUSTSAP Secretariat</i>
	11:00 – 11:15	Next Steps and Concluding Remarks <i>JUSTSAP Chairman</i>

Date	Time	Event
Nov. 16 (Thursday)		<u>OPTIONAL BIG ISLAND TOUR PACKAGE</u>
	13:30	Depart Hapuna Prince for Pohakuloa, Hale Pohaku & Mauna Kea Site Visits
	18:30	Dinner (hosted)/ Hale Pohaku , with Sky Observing
	21:00	Arrive Hilo/Check-In Hilo Hawaiian Hotel
Nov. 17 (Friday)	8:00	Breakfast (non-hosted)
	9:00	Depart for Imiloa Astronomy Center/Subaru Tour
	Noon	Depart for Volcano
	13:00	Lunch (hosted) – Volcano House
	14:00	Tour of Hawaii Volcanoes Observatory & National Park
	17:00	Return to Hilo/Tour Concludes