

ISDC 2009 Morning Program, Meals, and Special Events

	Thursday, May 28	Friday, May 29	Saturday, May 30
	Plenary Sessions - National A/B	Plenary Sessions - National A/B	Plenary Sessions - National A/B
9:00 AM	Dr. George Nield Associate Administrator for Commercial Space Transportation, FAA	Introduction by Florida Lt. Governor Kottcamp George Whitesides Senior Advisor to the NASA Administrator	Chris Lewicki Mars Phoenix Program
10:00 AM	Jeff Greason President, XCOR Aerospace	Constellation Panel Geoffrey Yoder, Director, Constellation Systems Division, NASA James Chilton, Vice President, Exploration Launch Systems, Boeing Larry Price, Deputy Program Manager, Orion CEV, Lockheed Martin	Robert Zubrin The Mars Society
11:00 AM	Will Whitehorn President, Virgin Galactic	Ares Panel Steve Cook, Manager, Ares Projects, NASA Charlie Precourt, Vice President, ATK Launch Systems Dean J. Nunez, J2-X Deputy Prog. Manager, Pratt & Whitney Rocketdyne	Andrew Chaikin Author
	Lunch - International III	Lunch - International	Lunch - International
12:00 PM	Elon Musk Co-founder, PayPal and SpaceX	Janet Petro Deputy Director, NASA Kennedy Space Center	Buzz Aldrin Apollo 11 Astronaut
After Lunch:	Von Braun Award Presentation	Pioneer Award Presentation	Pioneer & Student Awards Presentations
	Dinner - International III	Dinner - National A/B	Dinner - National A/B
7:00 PM	Richard Garriott Private Space Explorer	Rusty Schweickart Apollo 9 Astronaut and Chairman, B612 Foundation	John Mankins President, Space Power Association
After Dinner:	Pioneer Award Presentation	Pioneer Award Presentation	NSS and O'Neill Awards Presentations
	Special Events	Special Events	Special Events
	4:00-6:00 PM Space Ambassadors Reception (ChampionsGate)	3:00 PM Space Ambassadors Program (ChampionsGate)	9:00 AM - 12:00 PM Apogee Author Presentations & Book Signings (ChampionsGate) 9:00 AM - James Dewar, <i>The Nuclear Rocket</i> 10:00 AM - Donald Beattie, <i>Training Apollo Astronaut to Explore the Moon</i> 11:00 AM - Winston E. Scott, <i>Experiences in Space</i>
	9:00 PM Fireworks Show & Dessert Reception		9:00 AM - 11:00 AM Student Poster Display (Exhibit Area)
			2:00-6:00 PM Board of Directors Meeting (ChampionsGate)
			3:00 PM ATWG Book Signing (Exhibit Area)
			9:00 PM Chapters Assembly (Augusta)

	Sunday, May 31
	Outreach Track - Augusta
9:00 AM	Congressional Advocacy Panel Adam Wittfeldt & Linda Andruske, AIAA Brad Cheetham, SEDS Chris Carberry, The Mars Society (invited)
10:00 AM	Outreach Project Workshop
11:00 AM	Solar System Ambassadors
	Space Solar Power Track - Congressional
9:00 AM	SSP Panel Dr. Feng Hsu, NASA Kevin Reed, Welsom Space Consortium Mike Snead, Spacefaring Institute
9:30 AM	
10:00 AM	
10:30 AM	SSP Panel Seth Potter & Dean Davis, Boeing; Dr. Feng Hsu, NASA; John Mankins & Bob McDonald, SPACE Canada Lt. Col Paul Damohousse USMC. NSSO
11:00 AM	
11:30 AM	
	Space Settlement Track - Colonial
9:00 AM	Re-imagining Space Colonies: The Stanford Taurus Revisited John Cserep
9:30 AM	
10:00 AM	Lessons Learned from Analogue Mars Surface Suits & an Introduction to the OpenLuna Space/Surface Suit Ms. Debi-Lee Wilkinson
	Non-track Presentations - Colonial
10:30 AM	The Michigan Nanosatellite Pipeline Catherine Walker
11:00 AM	To Be Announced
11:30 AM	
12:00 PM	Project VeSpR - The Venus Spectral Rocket Ben Corbin
12:30 PM	What should we do with the Space Shuttles? Michael Chapman
	Special Events
	9:00 AM - 12:00 PM Board of Directors (ChampionsGate)

ISDC 2009 Afternoon Program

Thursday	National A/B	Augusta	Congressional	Colonial	Oakmont
2:00 PM	Featured Sessions COTS Panel Alan Lindenmoyer, Gwynne Shotwell, Robert T. Richards	Space Business Track - Cliff McMurray, Chair Using Prognostic Technology to Eliminate the Risk of Hardware Failure in Spacecraft Len Losik, Failure Analysis Company	Human Factors Panel Jason P. Kring, Ph.D., Embry-Riddle Aeronautical University Eduardo Salas, Ph.D., University Central Florida Raymond M. Wheeler, Ph.D., NASA KSC Biological Sciences Office Michael A. O'Neal, Angelquake Ministries, LLC (Retired NASA)	Architecting the Future - Engineering Better Outcomes for ISS, COTS, Ares V, Lunar Operations, and NASA Gary Barnhart, NSS	Private Meeting (continues to 6:00 PM)
2:30 PM		MoonROX Challenge: Lessons Learned Dr. Peter Schubert & Jonathan Card Packer Engineering			
3:00 PM	Google Lunar X Prize / NG Lunar Lander Will Pomerantz, X Prize Foundation, Moderator; Dave Masten, Masten Space Systems; Ruben Nunez, Omega Envoy; Bob Richards, Odyssey Moon; Scott Zeeb, TrueZero	Summary of the Space Investment Summit Dr. Paul Eckert, Boeing	Florida Space Strategy Mark Bontrager VP, Spaceport Operations, Space Florida	Captivating Risk-Adverse Investors and a Disconnected Key Audience Kristin Medin	
3:30 PM		Commercial Payloads on Space Tourist Vehicles John M. Cassanto		Leveraging NASA Small Payload Experience for Successful Private Microgravity Research Programs Rolando Branly	
4:00 PM	Space Investment Summit Panel Paul Eckert, Boeing, Moderator; Michael Leventhal, MC Squared; David Hosley, D&B Professional Development; Jane Reifert, Incredible Adventures; Joseph Palaia, 4Frontiers Corp, NewSpace Center	So You Want to Start a Space Company? Tim Pickens, Orion Propulsion	Crisis Management Workshop	Space Settlement Track - Anita Gale, Chair Stealth, Invisibility, and Deep Space Radiation Shielding Benjamin T. Solomon	
4:30 PM		Business Case for New Escape Technology and Space Plane Robert Talmage, TAAS Company		Look to the Future of Space Exploration: The Space Shuttle, the International Space Station, and return to the Moon Robert A. Caswell	
5:00 PM	Commercial Space Panel Ken Davidian, Carissa Christensen, Lon Levin, John Schumacher	Acquiring Patents: A Less Expensive Option Michael Verhulst	Finding Money for Your Student Projects Ryan McLinko, Matt Cannella, Justin Graves, Kyle Stephens Grant Atkinson: Dir Chapter Affairs, SEDS-USA; Texas A&M Jon Barnhart: Embry-Riddle		
5:30 PM		Risk Management and Cost Control for Small Space Companies Greg Allison			
Friday	National A/B	Augusta	Congressional	Colonial	Oakmont
2:00 PM	Women Leaders in Aerospace Panel Janet C. Karika, Julie A. Sattler, Brig Gen Susan Mashiko, Lynn Cline, Patti Grace Smith	Florida Workforce Transition Lisa Rice, Workforce Brevard	Space Solar Power Track - Joe Rauscher, Chair Welcome - Mark Hopkins, NSS Introduction Lt Col Paul Damphousse (USMC), National Security Space Office	Chandrayaan-1, India's Mission to the Moon Naik Suresh, ISRO	The Effect of Government and Other Factors on the Space Program Kathryn Gaverth
2:30 PM			SSP Panel Seth Potter, Boeing; Dean Davis, Boeing; Marcus Smith, United States Air Force Research Laboratory		How Newspace affects attitudes toward Science, Technology, Engineering and Math (STEM) George Tyson
3:00 PM	Asian Aerospace Policy Panel Taylor Dinerman, Author and Journalist; DP Kamik, ISRO; Yoshinori Yoshimura, JAXA	Workforce Refresh Panel Tracy Anania - NASA KSC, Clay Yonce - NASA KSC Cassie Kloberdanz - SpaceX, Bob Richards - Odyssey Moon/ISU Brooke Owens - IAF, Loretta Whitesides - Moderator		ISS as a National Lab Thomas Pickens, CEO, Astrotech Corp; Dr. Jeanne Becker, NSBRI, Marybeth Edeen, NASA JSC	Space Settlement Track - Anita Gale, Chair Commercial Lunar Opportunities Bruce Pittman and Robert Kelso
3:30 PM			Near Term Space Solar Power Demonstrations & Applications Seth Potter, Boeing		NewSpace Center: A New Central Florida Tourist Attraction Joe Palaia
4:00 PM	Suborbital Tech Forum (TBD) LtCol Paul Damphousse USMC; Bruce Pittman, NASA AMES Space Portal; Jeff Zwebner, Air Force Research Bob Hickman; The Aerospace Corp./Air Force Space & Missile Systems Center	Space Media 2.0 William Pomerantz, X PRIZE Foundation; Robert Pearlman, collectSPACE; Jeff Foust, The Space Review; Michael Mealling, Masten Space Systems; Benjamin & Cariann Higginbotham, Spacevidcast.com	SSP Panel: Strategic & Policy Issues Dallas Bienhoff, Boeing; Amarash Kollipara, Space Energy; Dennis Wingo (invited)	Lunar Track - David Dunlop, Chair Becoming "At Ease" on the "Hostile" Lunar Surface Peter Kokh, The Moon Society	DIRECT - Safer, Simpler and Sooner than Ares Stephen Metschan
4:30 PM				An Architecture for Lunar Science Exploration David Dunlop, The Moon Society	
5:00 PM	Closed for Gala Preparations		SSP: The Missing Cornerstone Darel Preble	NASA Competition and Lunar Analog Research Dan Hawk, College of Menominee Nation Undergraduate Engineering Team	Planetary Science at the University of Central Florida S. Alan Stern and Daniel Britt
5:30 PM		Yuri's Night: 2009 Wrapup and 2010 Planning Loretta Whitesides, Space Generation	SSP Panel W. Kent Tobiska, Space Environment Technologies; Ben Shelef, Spaceward Foundation; Jim Plaxco, Arisnova		
Saturday	National A/B	Augusta	Congressional	Colonial	Oakmont
2:00 PM	Greening the Aerospace Community Tim Pickens, Orion Propulsion	Mars Track - Chris Carberry, Chair The Mars Gas Hopper Dr. Robert Zubrin	Climate & Space Track - Peter Schubert, Chair Michael Pellin, Argonne National Laboratory	Space Art Track - Fred Becker, Chair Lunar-Based Materials Painting Peter Kokh, The Moon Society An Apollo Child's Space Art Fred Becker, NASA / Analox-QinetiQ-NA	Education Track - Lynne Zielinski, Chair Hands-on Education Roundtable Josh Neubert, Conrad Foundation, Tony Gannon, Space Florida; Micheal Mealling, Masten Space Systems
2:30 PM			David Halpern, NASA	Designing Shuttle and Historical Space Mission Patches Tim Gagnon, NASA Patch Artist Space Music on the Lambdoma Keyboard Barbara Hero, ILRA	
3:00 PM	Panel: Advocating for Your Interests Darice Brooks, Ashley Whelan, Samantha Segall, Pam Gillespie		Peter Kokh, The Moon Society	Breakthrough Science & Technology - Bill Gardiner, Chair From Discovery to Invention and from Science to Practice: Catalyzing Our Reach to the Stars & Everywhere In Between Bill Gardiner, Laboratory Consulting Sources, Inc.	Student Space Settlement Design Contest Lynne Zielinski, NSS & Student Teams
3:30 PM		Kent Nebergall	Keith Henson	A Two-part Invention for Improving Human Mobility and Health in the Reduced Gravity Environments of Space Ted Czinki	
4:00 PM	"Inspire Me!" Film Screening & Panel Dr. Story Musgrave, Former Astronaut	Tethered Experiment for Mars InterPlanetary Operations Cubed (TEMPO3) Chris Carberry, The Mars Society	Living in Space Track - Dr. Sherry Bell, Chair Introduction to the Book: Living in Space Dr. Sherry Bell Overview Governance: Space and Earth Dr. Bob Krone, Provost, Kepler Space University Developing a Space Colony from a Commercial Comet Mining Company Tommaso C. Taylor, M.S.	Advanced Space Propulsion Concepts for Interstellar Travel Gregory Meholic	
4:30 PM		Flashline Mars Arctic Research Station 2009 Mission and other Mars Society Projects Dr. Robert Zubrin & Chris Carberry	Self-Healing Sounds in Space Barbara Hero		
5:00 PM	Room Closed for Dinner Preparations		On the Metasphere Prof. Lowry Burgess	Three Examples of Data Mining from Earth's Universities and NASA's Space Probes Bill Gardiner, Laboratory Consulting Sources, Inc.	Embry-Riddle Student Presentations Project Icarus sounding rocket program - Tony Mansk Liquid bipropellant rocket engine for Lunar Lander Vehicle - Sarah Baber, Dr. Eric R. Penrell, Johann S. Schrell NASA University Student Launch Initiative - Chris Dudley
5:30 PM			Sustainable Space Exploration and Development: A Unified Strategic Vision Dr. Feng Hsu		
6:00 PM		AIAA Commercial Space Group: How You Can Get Involved in NewSpace Ken Davidian, FAA AST	Private Meeting	Taking the "No" Out of Innovations for Space Travel Meholic, Czinki, and Gardiner	