

Schedule of Presentations...

AIAA Southern California Aerospace Systems and Technology Conference

8:30 – 9:30 Mr. Mark Page & Dr. John Winkler, Swift Engineering
From Blended Wings to Racecars and Back: The Swift Formula
Atlantic 016 and Killerbee UAV

1:30 – 2:30 Mr. Jim Tighe, Scaled Composites
Space Ship One Simulator and Recent Events at Scaled

MORNING	Session 1 - Aircraft (Tobenette Holtz) (California Ballroom 1)		Session 2 - Space (Shahzad Khaligh, Boeing) (California Ballroom 2)		Session 3 - General (Ji Son, Boeing) (Breakout Room)	
	Time	Title	Author(s)	Title	Author(s)	Author(s)
9:30 AM	Aerodynamic Wake – Its Structure and Influence	Igor Jaremenko	Space Shuttle Launch Vehicle Improvements	Dale L. Jensen, JENTEC	Astrosociology: The Social Consequences of the Work of Space Engineers	Jim Pass, Astrosociology.com
10:00 AM	UC Irvine's Entry in the 2006 AIAA Design/Build/Fly Competition	Cesar Rivadeneira, Mathew Garcia, UCI	Progress in Predicting the Decay of Satellite and Debris Orbits	Kenneth Moe, Space Environment Technologies	Math/Science Tutoring by Aerospace Professionals	Nino Polizzi, Universal Space Network
10:30 AM	Flight Testing a Homebuilt Airplane	Dave Hyde, Boeing	False Starts in Space	Dr. RF Brodsky	Are You Ready – Engineering and Risks	Joseph E. (Gene) Justin, Boeing
11:00 AM	The Eagletree Brand FDR	Gary Moir, Wright Flyer Project	Mars Exploration Programs - A Scientific Investigation and Economics Analysis Study	Sundararaja Prasad	The Outsourcing and US	Igor Jaremenko
11:30 AM	Recommended Practices for Exposing Pilot-Induced Oscillations or Tendencies in the Development Process	David G. Mitchell, David H. Klyde, Hoh Aeronautics Systems Technology	Specific Impulse for Rocket Engines	Dale L. Jensen, JENTEC	An Introduction to Pathogenic Detection for Aerospace Applications	Wess Gates, Boeing

AFTERNOON	Session 4 - Aircraft (Ji Son, Boeing) (California Ballroom 1)		Session 5 - Structures (Tobenette Holtz) (California Ballroom 2)		Session 6 - Aircraft/Space (Shahzad Khaligh, Boeing) (Breakout Room)	
	Time	Title	Author(s)	Title	Author(s)	Author(s)
2:30 PM	Revisiting Productive & Innovative Engineering Work Environments: A Boeing Employee Volunteer UAV Effort	Wess Gates, Boeing	The Fracture Toughness Estimation of Aluminum Lithium Alloys With The Presence of Delamination	Bahram (Bob) Farahmand, Boeing	Design Development and Fabrication of a Compact and Lightweight Torque-limiting Clutch for the LA Section's Safer Flight Wright Flyer Replica	Gary Moir, Wright Flyer Project
3:00 PM	Hypersonic Freighter	Dale L. Jensen, Jentec, Robert Kleinberger, Lunar Rocket & Rover Co.	Testing Aircraft Components using Laser Doppler Vibrometers	Donn Silberman, Amit Lal, MteroLaser	C-17 Journey to Performance Excellence	Ned Newman, Boeing
3:30 PM	Regional Jet Technology	Bob Welge, Boeing	How CATIA V5 Elfini II Structural Analysis Helps in Assembly Structural Analysis	Ying Teng, Boeing	Missions Transformational MILSATCOM Will Enable	Dean E. Davis, Boeing
4:00 PM	Design of the Blended Wing Body Subsonic Transport (1 Hr.)	Robert H. Liebeck, Boeing	Yes, Fatigue Crack Growth Data can be Generated without Conducting ASTM Tests	Bahram (Bob) Farahmand, Boeing	COTS vs Cable, Special Purpose Electrical	Donald M. Dodge, Calmont Wire and Cable
4:30 PM			CAD-Embedded Simulation for Aerospace Applications Using SimDesigner Enterprise	John Ellison and David Iwamasa, MSC Software	Peter Drucker – The Theory and Life	Igor Jaremenko