Conference Chairs: Jean-Lou Chameau, President, Caltech; Alexis Livanos, President, NGST; Charles Elachi, Director, JPL

Wednesday, 9/19/2007

6:00 pm Welcome Reception
Athenaeum, Caltech
Hosts: Ares Rosakis – Director, GALCIT, Theodore von Kármán Professor of Aeronautics, Caltech
Dwight Street – Vice President, Northrop Grumman Space Technology

Thursday, 9/20/2007

7:30 am Registration and Continental Breakfast (Courtyards surrounding Beckman Auditorium)
Beckman Auditorium, Caltech

8:30 am Introduction and Welcome
Jean-Lou Chameau – President, California Institute of Technology

Keynote Speaker: Ronald D. Sugar – Chairman, Northrop Grumman Corporation

9:00 am The Story of Space Exploration
Session Chair: Paul Dimotakis – Chief Technologist, JPL; Northrop Professor of Aeronautics, Caltech
Harrison “Jack” Schmitt – Astronaut, Former U.S. Senator
Ed Stone – Director Emeritus, Jet Propulsion Laboratory; David Morrisroe Professor of Physics, Caltech
Gentry Lee – Chief Engineer for the Planetary Flight Systems Directorate, Jet Propulsion Laboratory

10:15 am Break and Model Exhibit

10:45 am Panel Discussion: Space and the Environment, Sensible Space Investment
Panel Introduction and Welcome: Charles Elachi – Director, Jet Propulsion Laboratory
Moderator: Miles O’Brien – Chief Technology and Environment Correspondent, CNN
Panelists: William F. Ballhaus, Jr. – President and CEO, Aerospace Corporation
Frank Fernandez – Director Emeritus, Defense Advanced Research Projects Agency (DARPA)
Abdul Kalam – 12th President of India, Distinguished Professor, Indian Institute of Technology
Charles Kennel – Professor, and Director Emeritus, Scripps Institution of Oceanography, UC San Diego
Burt Rutan – Founder, President, and CEO, Scaled Composites, LLC
Andrea Seastrand – Executive Director, California Space Authority, Former U.S. Congresswoman

Beckman Auditorium environs
12:30 pm Lunch and Model Exhibition (Surrounding courtyards and Beckman West Lawn)

1:45 pm The Future of Space Exploration I
Session Chair: TBA
Michael Griffin – Administrator, NASA
Jean-Jacques Dordain – Director, General European Space Agency
Yannick d’Escatha – President, Centre National d’Études Spatiales
Abdul Kalam – 12th President of India, Distinguished Professor, Indian Institute of Technology

3:10 pm Break and Model Exhibit

3:40 pm The Future of Space Exploration II
Session Chair: Tom Romesser – Vice President, Northrop Grumman Space Technology
Ronald Sega – Under Secretary, United States Air Force; Astronaut
Masato Nakamura – Executive Director, Institute of Space & Astronautical Science (ISAS/JAXA)
France Córdova – President, Purdue University
Ares Rosakis – Director, GALCIT, Theodore von Kármán Professor of Aeronautics, Caltech

5:05 pm Break

Ritz-Carlton Hotel, Pasadena
6:30 pm Reception and Conference Banquet
Host: Jean-Lou Chameau – President, California Institute of Technology
Keynote Speaker: John C. Mather – 2006 Nobel Laureate in Physics; James Webb Space Telescope Senior Project Scientist, NASA Goddard Space Flight Center

Friday, 9/21/2007

7:30 am Continental Breakfast
Beckman Auditorium, Caltech

8:30 am Special Session
A Tribute to Simon Ramo: Alexis Livanos – President, Northrop Grumman Space Technology

9:00 am The Future of Space Exploration: Industry Perspective
Session Chair: Robert S. Dickman – Executive Director, American Institute of Aeronautics and Astronautics
Elon Musk – CEO, SpaceX
David Thompson – Chairman and CEO, Orbital Sciences Corporation
Joanne Maguire – Executive Vice President, Space Systems, Lockheed Martin Corporation
David Whelan – Corporate Vice President, Boeing Corporation

10:25 am Break

10:55 am The Future of Space Exploration: Academic and Scientific Perspective
Session Chair: Eugene Tattini – Deputy Director, Jet Propulsion Laboratory
Berrien Moore III – Director, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire
Jonathan Lunine – Professor of Planetary Sciences and Physics, University of Arizona
Michael Werner – Project Scientist, Jet Propulsion Laboratory

Closing Keynote Speaker: Neil deGrasse Tyson – Director, Hayden Planetarium

12:30 pm Close of Conference