



Space Congress Programs

4-25-1979

1979 Sixteenth Space Congress Preliminary Program

Canaveral Council of Technical Societies

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SIXTEENTH SPACE CONGRESS

COCOA BEACH, FLORIDA



APRIL 25, 26, 27, 1979

PRELIMINARY PROGRAM



SIXTEENTH SPACE CONGRESS
Post Office Box 245
Cape Canaveral, Florida 32930

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ORGANIZATION
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REGISTRATION FORM

CLIP AND MAIL
WITH CHECK TO:

Registration Chairman

SIXTEENTH SPACE CONGRESS
P. O. Box 1333
Cocoa Beach, Florida 32931

PACKAGE REGISTRATION	Cost
(Includes 4 items listed below)	\$35.00
Wednesday Banquet	10.00
Thursday Luncheon	4.00
Proceedings	12.50
Registration	15.00

NAME _____ POSITION _____
HOME ADDRESS _____ COMPANY _____
CITY _____ STATE _____ ZIP CODE _____
SPOUSE'S NAME (if attending) _____

CHAIRMAN'S MESSAGE

*Thomas R. Brown, Jr.
Planning Research Corp.
General Chairman
Sixteenth Space Congress*



THE SIXTEENTH SPACE CONGRESS

will be a significant contribution to a better understanding and appreciation of the benefits that have and will continue to accrue from the nation's space program. Our theme this year, **SPACE—EVERY-ONE BENEFITS**, accents the broad scope of the nation's space activity and its benefit to mankind. We have planned an interesting and dynamic program, one that will bring you up to date on space activities as well as give you visibility into the future.

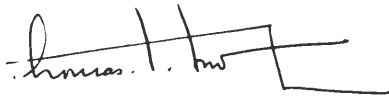
As in the past, panel sessions and complementing paper sessions will be held on a wide variety of topics. Panel sessions will include "Space Transportation System Update" and "Space Benefits." In addition, based on last year's outstanding success, Lee Scherer, Director of Kennedy Space Center, will chair a panel of astronauts. The paper sessions will include discussions on Shuttle Payloads, Spacelab, Technology Transfer, Space Commercialization, and a session on Department of Defense space activities. Our chairpersons for panels and papers are leaders in the space program from both Government and Industry.

A special highlight of the SIXTEENTH SPACE CONGRESS will be a nationally recognized speaker for the keynote address. Our distinguished luncheon and banquet speakers will be a vital part of the Space Congress social program. Exhibits displaying the latest in space science and technology are always an added attraction.

We hope you will make plans to be with us for this very important Space Congress in "The Year of the Space Shuttle." We think it will be a highlight of your involvement in space activities in 1979. Don't forget that Florida in the spring is a wonderful place to visit. Adding a tour of the Kennedy Space Center and the world famous

attractions shown on the enclosed map should round out your trip and make it one long to be remembered.

I look forward to seeing you.



Thomas R. Brown, Jr.
General Chairman

PROGRAM

WEDNESDAY, APRIL 25

KEYNOTE ADDRESS (8:30 a.m. to 9:00 a.m.)

Speaker: (to be announced)

PANEL SESSION I (9:00 a.m. to 12:00 noon)

SPACE TRANSPORTATION SYSTEMS UPDATE

Panel Chairperson: John F. Yardley
Associate Administrator
Office of Space Transportation Systems
NASA Headquarters, Washington, D.C.

A panel to update the Space Congress on present and future space transportation systems.

PAPER SESSION I (1:30 p.m. to 4:30 p.m.)

A. SHUTTLE UPDATE

Session Chairperson: Robert Thompson
Manager, Space Shuttle Program Office
NASA, Johnson Space Center, Houston, TX
Provides current update of Shuttle hardware and operations.

B. DOD INITIATIVES IN SPACE

Session Chairperson: Lt. Col. Burton H. Holaday
Director of Plans, Deputy for Advanced Space Programs
SAMSO, Los Angeles, CA
Provides a review of DOD initiatives in space.

BANQUET (8:00 p.m.)

Speaker: Honorable Harrison H. Schmitt
United States Senator
(Former astronaut – Apollo 17)

THURSDAY, APRIL 26

PAPER SESSION II (8:30 a.m. to 11:30 a.m.)

A. SPACELAB

Session Chairperson: Dr. Burkhard R. Pfeiffer
Manager, Spacelab Program
ESTEC, Noordwijk, Holland
Provides current update of Spacelab hardware

and operations, as well as future Spacelab planning.

B. PAYLOADS

Session Chairperson: Dr. Adrienne Timothy
Asst. Assoc. Administrator for Space Science
NASA Headquarters, Washington, D.C.

Deals with the broad spectrum of payload programs for the Shuttle and other launch vehicles.

LUNCHEON (12:00 noon)

Speaker: Lt. Gen. Richard C. Henry, U.S.A.F.
Commander, Space and Missiles Systems Organization
Los Angeles Air Force Station, CA

PAPER SESSION III (2:00 p.m. to 5:00 p.m.)

A. SPACE COMMERCIALIZATION

Session Chairperson: Chester Lee
Director, Space Transportation System Operations
NASA Headquarters, Washington, D.C.

Deals with the broad business and economic aspects of space utilization.

B. TECHNOLOGY TRANSFER

Session Chairperson: Floyd Roberson
Director, Technology Transfer
NASA Headquarters, Washington, D.C.

Deals with the generic process and specific examples of the transfer of space technology to industry and to the public sector.

PANEL SESSION II (8:00 p.m. to 9:30 p.m.)

MEET THE ASTRONAUTS

Panel Chairperson: Lee R. Scherer
Center Director
NASA, John F. Kennedy Space Center, FL
A panel open to the general public with several astronauts discussing future activities for men and women in space.

FRIDAY, APRIL 27

PANEL SESSION III (8:30 a.m. to 11:30 a.m.)

SPACE – EVERYONE BENEFITS

Panel Chairperson: Dr. George E. Mueller
Chairman and President
System Development Corporation
Santa Monica, CA

STUDENT DISCOUNT

Students may attend individual panels or paper sessions at a special rate of \$2.00 per session payable at the registration desk.

PIONEERS' DAY

The Missile, Space and Range Pioneers' cocktail party and banquet will be held on Friday evening, April 27, following the SIXTEENTH SPACE CONGRESS. The Pioneers are the men and women who have been associated with aerospace since the beginning of the space program. Their banquet is an annual event well worth attending.

SPONSOR

The SIXTEENTH SPACE CONGRESS is sponsored by the Canaveral Council of Technical Societies (CCTS). The Canaveral Council of Technical Societies is composed of the Cape Canaveral area affiliates of 25 national, technical, and professional societies and an academic advisory group from five colleges and universities operating locally, the Brevard Council, Inc., the Brevard County Commission, the Brevard County School Board and the Brevard Economic Development Council.

AIRLINES

Four major airlines — Delta, Eastern, National, and Southern — serve the Cocoa Beach area. Flights may be obtained to either Melbourne or Orlando. Limousine service is available from both airports to Cocoa Beach.

MOTEL RESERVATIONS

Rooms are available at the following motels, all within walking distance of the SIXTEENTH SPACE CONGRESS. Reservations should be made well in advance directly with the motel of your choice. Mention the SPACE CONGRESS in your reservation request.

Atlantis Beach Lodge (305) 783-9430
Beachside (305) 783-9441
Cape Colony (305) 783-2252
Holiday Inn (305) 783-2271

AUTO RENTALS

Reservations and rentals can be made at Cocoa Beach or at the Melbourne and Orlando airports. Agencies include:

AVIS	ECONO-CAR
BUDGET	HERTZ

EXHIBITS

Exhibits will include displays of the Space Shuttle, Shuttle payloads, solar energy and communication satellites. The exhibit hall will be open to the public Wednesday through Friday in the Atlantis Beach Convention Center.

YOUTH SCIENCE FAIR

Regional Youth Science Fair displays and demonstrations will be open to the public at the Atlantis Beach Lower Lobby. Exhibits will be judged and awards will be presented at the Cape Colony Convention Center on Friday at 12 noon.

ATTRACTION CENTERS

April in Florida is a delightful time for the entire family. *Cocoa Beach*, with its famed golden beaches, fishing opportunities and surfing, is but one of many Florida family vacation centers. Just to the north of the SPACE CONGRESS Headquarters is the world's largest building, the Vehicle Assembly Building, at *Kennedy Space Center*. Within a short scenic drive one can reach — a world of vacation fun in the Magic Kingdom of *Walt Disney World* — *Sea World*, America's most elaborate marine life park — the mystery and excitement of Africa at *Busch Gardens* — the famed Glass Bottom Boats at *Silver Springs* — the daily water ski revue with beautiful aquamaids at *Cypress Gardens* or be a circus performer at *Circus World*.

THE MAP BELOW GIVES THE EXACT LOCATION OF EACH ATTRACTION.

