



Space Congress Programs

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1971 Eighth Space Congress Preliminary Program

Canaveral Council of Technical Societies

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PRELIMINARY

EIGHTH SPACE CONGRESS

PROGRAM

APRIL 19-23, 1971



Lee Butler

SPONSOR

The Eighth Space Congress is co-sponsored by the Canaveral Council of Technical Societies (CCTS) and the Society of Automotive Engineers (SAE). The Canaveral Council of Technical Societies is composed of the Cape Kennedy area affiliates of thirty national, technical and professional societies and an academic advisory group from the seven colleges and universities operating locally.

PANEL SESSIONS

This year's program will feature five special panel sessions in addition to the paper sessions. These panel sessions will provide you an opportunity to see, hear, and question top space-age experts during their informative exchange of views on interesting, and often controversial topics.

EXHIBITS

Interesting and informative exhibits will display advancements in space, oceanography, and related fields. A convenient and spacious exhibit area will allow a relaxed study of the latest in hardware and software applications.

PANEL SESSIONS

9:00 a.m. to 11:30 a.m. each day

INTERNATIONAL SPACE PROGRAMS OF THE FUTURE

John W. Sandford, Project Director Space Shuttle Program, North American Rockwell Corporation

OCEAN SCIENCES

Willis B. Foster, Director of Policy Staff, Office of Policies, NASA/Hdqtrs.

CHANGING ROLES OF TECHNOLOGY

Panel Chairman to be announced

INTERNATIONAL COOPERATION IN SPACE

Panel Chairman to be announced

SPACE SPINOFFS

Panel Chairman to be announced

PAPERS SESSIONS

COMPUTER APPLICATIONS

Mr. Henry C. Paul, NASA/Kennedy Space Center Chief of Automation and Launch Vehicle Operations

PROGRESS IN METEOROLOGY

Brig. Gen. William H. Best, Commander, Air Weather Service, USAF

CRYOGENICS IN INDUSTRY

Dr. Richard Irey, Consultant to JPL, University of Florida

MANNED vs. UNMANNED SPACE VEHICLES

Dr. G. Mueller, Sr., Vice President, General Dynamics

CIVIL PROGRAMS

Mr. Otto J. Klima, Vice President & General Manager, Re-entry & Environmental Systems Division, General Electric Company

MECHANICAL SYSTEMS

Session Chairman to be announced

OCEANOGRAPHY

Mr. Harry Cannon, Chairman of the Board, Real Eight Co., Inc.

TRANSPORTATION

Mr. C. R. McGehee, Division Manager, Field Operations & Support Division, The Boeing Company

LAUNCH VEHICLES — EXPENDABLE OR REUSABLE

Mr. Frank Williams, Director, Office of Analysis & Evaluation, NASA/Hdqtrs.

NON-U.S. SPACE MISSIONS

Session Chairman to be announced

NAVIGATION SATELLITES

Colonel Jack Albert, Director of Space, AFRDS, USAF

SPACE LOGISTICS

Brig. Gen. Tom Morgan, Manager, Apollo-Skylab Programs, NASA/KSC

LAUNCH FACILITIES AND OPERATIONS

Mr. G. Merritt Preston, Director of Center Planning & Future Programs, NASA/KSC

MANAGEMENT

Dr. Roy Beaton, Vice President & General Manager, Electronics Systems Division, General Electric Company

MAINTAINABILITY AND RELIABILITY

Mr. R. Mitchell, Executive Vice President, Pan American World Airways, Inc.

SIMULATION AND SYNTHESIS

Mr. R. D. Hill, Vice President and General Manager, McDonnell Douglas Astronautics Company, TI-CO Divn.

ADVANCED SPACE PROGRAMS

Mr. John Yardley, Vice President, Deputy General Manager, McDonnell Douglas Astronautics Company

SPACE COMMUNICATIONS — TOOLS AND TRENDS

Colonel W. Sanders, Deputy for Space Communications, USAF (SAMSO)

FLUIDICS

Mr. Billy Horton, Director, Harry Diamond Laboratories

AIRLINES

Three major airlines—National, Eastern and Delta serve the Cape Kennedy area. Flights may be obtained to either Melbourne, Orlando or Titusville, Florida. Limousine service is available from all airports to Cocoa Beach.

MOTEL RESERVATIONS

Reservations should be made well in advance with the motel of your choice. Those within walking distance of the Eighth Space Congress include:

Holiday Inn	Ramada Inn
Quality Courts	Cape Colony
Other popular motels within easy driving distance include:	
Howard Johnson's	Satellite
Polaris	Imperial 400

AUTO RENTALS

Reservations and rentals can be made at Cocoa Beach or at the Melbourne and Orlando (McCoy) Airports. Agencies include:

Avis	Budget	Hertz	National
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PIONEERS' DAY

The Missile, Space, and Range Pioneers' cocktail party and banquet will be held on Friday evening April 23 following the final session of the Eighth Space Congress.

FROM THE GENERAL CHAIRMAN

The Eighth Space Congress, in its continuing theme of "Technology, Today and Tomorrow," has added an exciting new dimension to its technical program.



Timothy H. Hanrahan

For this conference, the Canaveral Council of Technical Societies has been joined by the Society of Automotive Engineers to present an expanded schedule of activities with emphasis on foreign participation in our technological society.

As you can see by the program, the Congress has been increased to a five-day affair — five mornings of the popular panel sessions and four afternoons of technical paper sessions. By the way, the Exhibit Hall is a sellout with many fascinating exhibits in the offing.

Participation of the following foreign technical societies has been pledged through the SAE—Eurospace, British Interplanetary Society, Societe Chimique De France, International Committee of Aerospace Activities, Associazione Italiana Di Aeronautica E Astronautica, Canadian Aeronautics & Space Institute, and the Japan Society for Aerospace Engineering.

The Technical Program will be complemented by many social functions during the week. Three luncheons are planned with a variety of themes and the Thursday night banquet is always a Space Congress highlight.

The Missile, Space and Range Pioneers will again hold their annual reunion in conjunction with the Space Congress. Their schedule of social events always provides an excellent opportunity for the "Old Timers" to renew acquaintances and swap yarns.

Of course you don't have to be told that springtime in Florida is just beautiful. Bring the wife and family, if possible. The beaches and fishing are great, the KSC tours excellent, and the fun awaiting them cannot be described.



CANAVERAL COUNCIL OF TECHNICAL SOCIETIES

Air Force Association American Association for Contamination Control American Astronautical Society American Institute of Aeronautics and Astronautics—Cape Canaveral Section American Institute of Industrial Engineers American Institute of Plant Engineers American Meteorological Society American Ordnance Association—Florida Peninsula Post American Society of Certified Engineering Technology American Society of Civil Engineers American Society of Mechanical Engineers American Society of Photogrammetry/Photo—Optical Instrumentation Engineers American Society of Safety Engineers American Society for Quality Control American Society for Training and Directing American Statistical Association American Welding Society Armed Forces Communication and Electronic Association Canaveral Federal Management Association Federal Bar Association Florida Engineering Society Institute of Electrical and Electronic Engineers Instrument Society of America International Association of Visual Communications Management Missile, Space and Range Pioneers Incorporated National Association of Corrosion Engineers National Contract Management Association Society of Aerospace, Materials and Process Engineers Society of American Military Engineers Society of Logistics Engineers Society of Motion Picture and Television Engineers Society of Reproduction Engineers Society of Technical Writers and Publishers

ACADEMIC ADVISORS

Florida Institute of Technology Brevard Community College GENESYS, University of Florida Florida Technological University Florida State University Rollins and Stetson University



EIGHTH SPACE CONGRESS

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**Registration Chairman
Eighth Space Congress
P. O. Box 1333
Cocoa Beach, Florida 32931**

**REGISTRATION
FORM**

	Advance	At Door
PACKAGE REGISTRATION (Includes six items listed below)	\$60.00	\$65.00
Monday Luncheon	3.00	3.00
Tuesday Luncheon	3.00	3.00
Thursday Luncheon	3.00	3.00
Banquet	10.00	10.00
PROCEEDINGS	25.00	25.00
Registration	25.00	30.00
Registration & Banquet Only	30.00	35.00

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