

**The United Nations Association
of Greater Saint Louis**

Presents

**The Use of Outer Space for the
Solution of Earth-Bound Problems**

A Conference

with the cooperation of

General Dynamics Corporation

and

McDonnell Douglas Corporation

on

Tuesday, October 26

1982

Morning Session
Space and the Nation

The Rotunda, McDonnell Planetarium
Forest Park

8:30 a.m. Registration — 9:00 a.m. to 11:30 a.m.

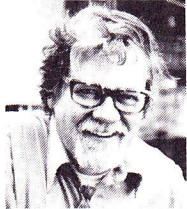
Opening of Conference: Richard T. Stith, Jr.
*President, United Nations Association
of Greater St. Louis*



Moderator: John F. Yardley
*President, McDonnell Douglas
Aeronautics Company*



Keynote Address: James M. Beggs
**NASA: Today
and Tomorrow** *Administrator, National Aeronautics
and Space Administration*



Science and Space Robert M. Walker
*McDonnell Professor of Physics,
McDonnell Center for
the Space Sciences*



**Remote Sensing:
A New Way to See
Our Earth** Raymond E. Arvidson
*Associate Professor of Earth
and Planetary Sciences
Washington University*

Panel Discussion

Questions from the audience

11:30 a.m. to 1:30 p.m.

Lunch — Dome Show — Space Exhibits
McDonnell Planetarium

Afternoon Session
Space and the World

The Rotunda, McDonnell Planetarium
Forest Park

1:30 p.m. to 4:00 p.m.



Moderator: Gordon Law
*Senior Analyst, Office of
Technology Assessment,
U.S. Congress*



**International Space
Activities:
Achievements and
Possibilities** Wilfred Mellors
*Representative to
United States - European
Space Agency*



**The Role of the
United Nations** Yash Pal
*Secretary-General,
UNISPACE-82*



**The Revolution in
Telecommunications** Bert Cowlan
*International Consultant on
Telecommunications
New York City*

Panel Discussion

Questions from the Audience

Evening Session
Extra-Terrestrial Space

Khorassan Room, Chase-Park Plaza Hotel

Reception and Cash Bar

6:30 p.m.

Dinner

7:15 p.m.

Program

8:00 p.m.

Presiding: *Richard T. Stith, Jr.*
*President, United Nations Association
of Greater St. Louis*

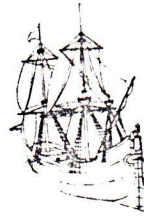
Introduction of Speaker



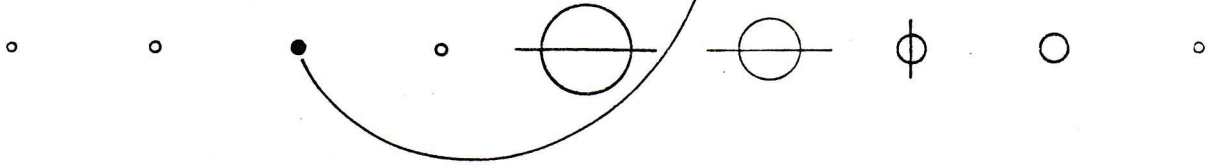
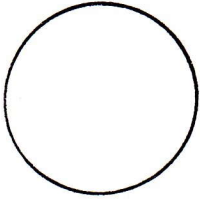
**Future of Solar
System Exploration**

*James A. Van Allen
Carver Professor of Physics
University of Iowa*

*Dr. Van Allen is best known as the discoverer
of the Van Allen Radiation Belts of the Earth.
He is a member of the National Academy of Sciences
and the Royal Swedish Academy of Sciences.
His many awards include the NASA Medal for
Exceptional Scientific Achievement in 1974, and the Space
Science Award from the American Institute of
Aeronautics and Astronautics in 1982.*



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(affiliations for identification purposes only)

Elaine McCammon

P.O. Box 91687, Pasadena, CA 91109

Dear Member,

We are pleased to tell you of an event which may be of interest to Planetary Society members.

On October 26, 1982, the Greater Saint Louis Chapter of the United Nations Association is holding an all-day conference on outer space, entitled "The Use of Outer Space for the Solution of Earth-bound Problems."

Dr. James Van Allen, discoverer of the Van Allen radiation belts and a member of our Board of Advisors, will be speaking on "Extraterrestrial Space" at this conference. The Planetary Society helped arrange Dr. Van Allen's talk at this event. He will speak during the combined dinner/evening session, which is being held at the Chase Park Plaza Hotel, at a charge of \$17.50.

In addition to this evening session, there will be morning and afternoon sessions at the McDonnell Planetarium in St. Louis. Speakers for these sessions will include the Secretary-General of UNISPACE-82, Professor Yash Pal, and a view from a Soviet representative, a report from the European Space Agency, and a look at the progress in telecommunications. Cost for the morning and afternoon sessions, plus lunch, will be \$10.

Interested members should make their reservations as soon as possible, since space is somewhat limited. Reservations may be made by sending name, address, and check made payable to the United Nations Association, to UNA/St. Louis, 7359 Forsyth, St. Louis, MO 63105. For further information, call (314) 721-1961.

9-11:30: John Yardley Moderator "Sp + the Nation"
 J. Bezzo NASA
 Rob Walker WJ - McD Inst of Sp Sci
 Ray Anderson WJ - P.I.F.

11:30-1:30 - PL about, box lunch

1:30-4:30 Gordon Laws analyst iFOA
 Yash Pal
 Wilfred Mullers - Mullers - One
 Bert Cowlan - tele. consultant

6:30 - Van Allen Dinner 7:15, speaker @ 8

Sincerely,

Louis Friedman