

## Universities Space Research Association

Presents a Symposium on

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# Space Exploration:

## Achievements of the Past 50 Years and Ambitions for the Future

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**April 23, 2019 | 1 p.m. – 5 p.m.**

National Academy of Sciences Building  
2101 Constitution Avenue, NW  
Washington D.C. 20418

- 1:00 p.m.    Introductory Remarks**  
**WILLIAM F. BALLHAUS, JR.**, Chair, USRA Board of Trustees  
**JEFFREY A. ISAACSON**, USRA President and CEO
- 1:15 p.m.    MARCIA MCNUTT**, President, National Academy of Sciences  
**1:45 p.m.    SCOTT N. PACE**, Executive Secretary, National Space Council  
**2:15 p.m.    JOHANN-DIETRICH (JAN) WÖRNER**, ESA Director General
- 2:45 p.m.    Coffee Break**
- 3:15 p.m.    CHRISTINE DARDEN**, Former NASA Mathematician and  
Aeronautical Engineer  
**3:45 p.m.    HARRISON H. SCHMITT**, Former U.S. Senator and Apollo 17  
Astronaut  
**4:15 p.m.    DAVID CUMMINGS**, Senior Advisor and USRA Historian
- 4:45 p.m.    Closing Remarks and Invitation to 50<sup>th</sup> Anniversary  
Celebration in the Great Hall**  
**DANIEL N. BAKER**, Chair, USRA Council of Institutions
- 5:00 p.m.    Adjourn to the Great Hall**