

# The Space Shuttle: An Engineering Milestone

A symposium to honor the accomplishments  
of the NASA Space Shuttle Program

**June 6 – 8, 2011**

Global Learning Center  
Georgia Institute of Technology  
Atlanta, GA



The symposium is dedicated to honoring the contributions of men and women from the U.S. and around the world who dedicated their careers to the success of space missions in the Shuttle Era. The Space Shuttle program has spanned three decades of operation and its storied saga is coming to an end with STS Mission 135 scheduled in June 2011. The technical advances made possible by the program have touched everyone on this planet, and opened our eyes both to the wonders of the planet we all share and to the mysteries of the deep space beyond. As this time of remarkable accomplishments draws to a close, it is important that we pause to honor those who contributed to its design, operation, and success, and reflect on the lessons from this complex system, a true turning point in mankind's voyage into space.

## **Examples of topics to be presented:**

***History of the Space Shuttle Program*** – Steve Hawley, NASA Astronaut, 1978-2008

***Space Shuttle Propulsion System*** – Chris Singer, Director of Engineering (Acting) MSFC

***Flight Systems and Mission Ops***- John Shannon, Space Shuttle Program Manager

***Ground Operations*** – Rita Willcoxon, Director Launch Vehicle Processing, NASA Kennedy Space Center

***Safety*** – Brian O'Connor, Chief Safety and Mission Assurance, NASA Headquarters

***The Future of Space Transportation***- Robert Braun, Chief Technologist, NASA Headquarters

***Panel Sessions- International Collaboration and Lessons Learned***

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