

# HUETHER LASALLIAN CONFERENCE

NOVEMBER 18-20, 2010

CINCINNATI, OH

*Promoting Innovative STEM Initiatives in Lasallian Education*

## PRESENTERS



**Alex C. Cirillo, Jr., PhD**

*Vice President, 3M, Retired*

Dr. Alex Cirillo received his doctorate in Chemistry from the University of Wisconsin–Milwaukee. He took his post-doctoral studies at the Centre Nationale de Recherche Scientifique Laboratory in Orleans, France.

In 1979, Dr. Cirillo joined 3M's Central Research Laboratories as a Senior Physicist working in the area of small particle technology. In 1983 he was chosen to lead 3M's first laboratory in Filtration Products. In 1990, he was appointed Technical Director of the 3M Commercial Graphics Division which was responsible for creating the first digital printer capable of printing large format graphics for commercial applications.

Dr. Cirillo was then appointed Staff R&D Executive for the 3M Health Care Markets, where he had responsibility for several 3M Technology Centers as well as the 3M Bioanalytical Technologies Project, a business unit targeting products for genomic applications. In 2000, he was appointed President and General Manager of 3M Canada and 14 months later returned to become the Division Vice President of the Commercial Graphics Division. He then served as the Vice President of 3M Community Affairs and the Vice President of the 3M Foundation for five years. Dr. Cirillo has had extensive mentoring experience both inside and outside 3M, including mentoring in the MENTTIUM 100 program.



**Rev. George Coyne, SJ**

*President of the Vatican Observatory Foundation*

Fr. George Coyne holds a doctorate degree in astronomy from Georgetown University. In 1976 he became a senior research fellow at the Lunar and Planetary Laboratory (LPL) of the University of Arizona (UA) and a lecturer in the UA Department of Astronomy. The following year he served as Director of the UA's Catalina Observatory and as Associate Director of the LPL. Coyne became Director of the Vatican Observatory (VO) in 1978, and also Associate Director of the UA Steward Observatory. During 1979-80 he served as Acting Director and Head of the UA Steward Observatory and the Astronomy Department, and thereafter he continued as an adjunct professor in the UA Astronomy Department. He retired as Director of the VO in August 2006. He remains on the staff of the VO as Director Emeritus and President of the Vatican Observatory Foundation.

He has been awarded a PhD degree *honoris causa* by several universities in the US, including the Mendel Medal by Villanova University in September 2008 and the George Van Biesbroeck Prize by the American Astronomical Society in January 2010.



**Story Musgrave**

*Former Astronaut*

Story joined the U.S. Marines during the Korean war where he was an aircraft electrician and an engine mechanic. He started flying with the Marines and over the next 55 years accumulated 18,000 hours in over 160 aircraft. He has seven graduate degrees in math, computers, chemistry, medicine, physiology, literature and psychology, and has received 20 honorary doctorates.

Story was an NASA astronaut for over 30 years and flew on six spaceflights. He performed the first shuttle spacewalk on Challenger's first flight, was a pilot on an astronomy mission, conducted two classified DOD missions, was the lead spacewalker on the Hubble Telescope repair mission and on his last flight, he operated an electronic chip manufacturing satellite on Columbia.

Today he operates a palm farm in Orlando, FL, a production company in Sydney and a sculpture company in Burbank, CA. He is also a landscape architect, a concept artist with Walt Disney Imagineering, an innovator with Applied Minds, Inc. and a professor of design at Art Center College of Design in Pasadena, CA.