During this installment of the Edison Lecture Series, Dr. Michael Griffin will discuss the relationship between engineering science and engineering design, focusing on how the modern discipline of system engineering provides a link between these two major branches of the engineering profession. He will also explore the relationship of engineering process control to engineering design, and how system engineering properly combines these two responsibilities in the design, development, fabrication, test, and operation of modern complex engineered systems.

Griffin, who received an honorary doctorate in engineering from Notre Dame in 2001, has had a historic career as a physicist and aerospace engineer, including his service as the NASA Administrator from 2005-09. In a 2007 Time magazine article he was listed as one of the Top 100 most influential people in the world, and a 2010 Space Foundation survey ranked him as the #7 most popular space hero.