

# Master in Aerospace Science and Technology

# Michael D. Griffin Lectures



## **Tuesday 15<sup>th</sup> December, 2009**

### **“MAST Opening Session: System Engineering. What it is and What it is not?”**

*Starting time: 11.00h*

*Location: EPSC - Castelldefels School of Technology (Room 001)*

### **“NASA Space Programs”**

*Starting time: 17.00h*

*Location: UPC Campus Nord (Aula Master)*

## **Wednesday 16<sup>th</sup> December, 2009**

### **“Technology Project Management”**

*Duration: 8 teaching hours*

*Timetable: from 9.30h to 14.00h  
and 15.00h to 18.30h*

*Location: School of Professional & Executive Development Tech Talent Center*

*Registration fee required:*

*Contact: Sarai Font  
sarai.font@talent.upc.edu  
Tel. 93 112 08 83*

## **Thursday 17<sup>th</sup> December, 2009**

### **“Spacecraft Attitude Control”**

*Duration: 8 teaching hours*

*Timetable: from 9.30h to 13.30h  
and 15.00h to 19.00h*

*Location: EPSC - Castelldefels School of Technology (Room 001)*

# Master in Aerospace Science and Technology

# Michael D. Griffin Lectures



Michael Griffin received a bachelor's degree in physics from Johns Hopkins University; a master's degree in aerospace science from Catholic University of America; a Ph.D. in aerospace engineering from the University of Maryland; a master's degree in electrical engineering from the University of Southern California; a master's degree in applied physics from Johns Hopkins University; a master's degree in business administration from Loyola College; and a master's degree in Civil Engineering from George Washington University. He is a certified flight instructor with instrument and multiengine ratings.

Griffin began his duties as the 11th Administrator of the National Aeronautics and Space Administration on April 14, 2005. As Administrator, he led the NASA team and managed its resources to advance the U.S. Vision for Space Exploration.

Prior to being nominated as NASA Administrator, Griffin was serving as Space Department Head at Johns Hopkins University's Applied Physics Laboratory in Laurel, Md. He was previously President and Chief Operating Officer of In-Q-Tel, Inc., and also served in several positions within Orbital Sciences Corporation, Dulles, Va.

Earlier in his career, Griffin served as chief engineer and as associate administrator for exploration at NASA, and as deputy for technology at the Strategic Defense Initiative Organization. He has been an adjunct professor at the University of Maryland, Johns Hopkins University, and George Washington University, where he taught courses in spacecraft design, applied mathematics, guidance and navigation, compressible flow, computational fluid dynamics, spacecraft attitude control, astrodynamics and introductory aerospace engineering. He is the lead author of more than two dozen technical papers, as well as the textbook, "Space Vehicle Design."

Griffin is a member of the National Academy of Engineering and the International Academy of Astronautics, an Honorary Fellow of the American Institute of Aeronautics and Astronautics (AIAA), a Fellow of the American Astronautical Society, and a Senior Member of the Institute of Electrical and Electronic Engineers. He is a recipient of the NASA Exceptional Achievement Medal, the AIAA Space Systems Medal, and the Department of Defense Distinguished Public Service Medal, the highest award given to a non-government employee.

## Scientific Coordination

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