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Edward F. Crawley

FORD PROFESSOR OF ENGINEERING
PROFESSOR OF AERONAUTICS AND ASTRONAUTICS AND
OF ENGINEERING SYSTEMS

Contact

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Edward Crawley is the Ford Professor of Engineering at MIT, and is a Professor of Aeronautics and Astronautics and of Engineering Systems. He received an SB (1976) and an SM (1978) in Aeronautics and Astronautics, and an ScD (1981) in Aerospace Structures from MIT. He currently serves as President, Skolkovo Institute of Science and Technology, Moscow and as Director of the Bernard M. Gordon – MIT Engineering Leadership Program, an effort to significantly strengthen the quality of engineering leadership education for competitiveness and innovation. From 2003 to 2006 he served as the Executive Director of the Cambridge – MIT Institute, a joint venture with Cambridge University, funded by the British government and industry, with a mission to understand and generalize how universities act as engines of innovation and economic growth. In this capacity he was in close consultation with the British Government on issues of science and innovation policy. For the previous seven years, he served as the Department Head of Aeronautics and Astronautics at MIT, leading the strategic realignment of the department.

Academic Degrees

B.S., 1976, Massachusetts Institute of Technology M.S., 1978, Massachusetts Institute of Technology Sc.D., 1980, Massachusetts Institute of Technology

Honors and Awards

Fellow, AIAA; Member, National Academy of Engineering; NASA Astronaut Finalist, 1980; Regional Soaring Champion, 1991 and 1995

Society Memberships

American Institute of Aeronautics and Astronautics American Society of Mechanical Engineers Soaring Society of America

Positions Held at MIT

Executive Director, Gordon Engineering Leadership Program, 2007-present; Executive Director, Cambridge MIT Institute, 2003-2006; Professor of Engineering Systems, 2000– present; Professor of Aeronautics and Astronautics, 1990-present; Department Head of Aeronautics and Astronautics, 1996-2003; Co-Director, Systems Design and Management Program, 1993-1996; MacVicar Faculty Fellow, 1992-2002; Director, Space Engineering Research Center, 1986-1996; Assistant Professor, 1980-1984; Associate Professor, 1984-1990

Positions Held outside MIT

President, Skolkovo Institute of Science and Technology, Moscow.
2011-present

Specialization and Research Interests

Architecture of technical systems, space systems, dynamics and control, structures, intelligent structures


Teaching Interests

Systems architecture, structures, space systems design

Lab/Research Group Affiliation

Space Systems Laboratory

System Architecture Lab

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