



Head of Aeronautics and Astronautics Department at MIT

Professor Hastings earned a PhD and an SM, from MIT in Aeronautics and Astronautics in 1980 and 1978 respectively, and received a BA in Mathematics from Oxford University in England in 1976. He joined the MIT faculty in 1985. With over 30 years of experience in academia, Professor Hastings was MIT's Dean of Undergraduate Education from 2006 to 2013, head of the MIT Technology and Policy Program and director of the MIT Engineering Systems Division.

Professor Hastings was US Air Force Chief Scientist From 1997-1999. He currently serves on the Board of the Aerospace Corporation, the Board of the Draper Corporation and has served on several NRC committees including the Aeronautics and Space Engineering Board, the Air Force Studies Board and the Government University Industry Interactions Roundtable.

Professor Hastings is a Fellow of the American Institute of Aeronautics and Astronautics (AIAA), the International Astronautical Federation (IAF) and the International Council on Systems Engineering (INCOSE). He served on the NASA Advisory Council, the Air Force Scientific Advisory Board, the Defense Science Board, the National Science Board and several ad-hoc committees on space technology as well as on Science and Technology management and processes. He has published over 120 papers, written a book on spacecraft environment interactions and won 5 best papers awards. His recent research is focused on Complex Aerospace System Design. His previous work was on spacecraft environment interactions and space propulsion.