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Amedeo R. Odoni

PROFESSOR OF AERONAUTICS AND ASTRONAUTICS
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Amedeo Rodolfo Odoni is a Professor in the Department of Aeronautics and Astronautics and in the Department of Civil and Environmental Engineering at MIT. Since 2009, he has also been associated as the Lead Principal Investigator and, subsequently, as a Principal Investigator, with the Future Urban Mobility research project, sponsored by Singapore's National Research Foundation in connection with the Singapore-MIT Alliance for Research and Technology (SMART). From 1999 to 2009 he served as co-director of the Global Airline Industry Center at MIT, a research and education project on the international airline industry sponsored primarily by the Alfred P. Sloan Foundation; and from 1996 to 2002 as co-director of the FAA's National Center of Excellence in Aviation Operations Research (NEXTOR). Previously, he was head of the Systems Division of the Aeronautics and Astronautics Department (1991-96) and co-director of MIT's Operations Research Center (1985-1991). His research interests are in applied probability theory, stochastic processes and decision-making under uncertainty. His principal application domains are airport planning and operations, air traffic management, urban service systems, queuing theory, and location theory. Professor Odoni is the author, or co-author, of three books and about 100 professional publications, as well as co-editor of six books. He served as editor-in-chief of *Transportation Science* from 1985 to 1991, and is a current or past member of the editorial boards of many professional journals. He is a member of the National Academy of Engineering, a Fellow of the Institute for Operations Research and Management Science (INFORMS) and the recipient of many awards for his teaching and research. He has supervised 41 Ph.D. students, several of whom have won major prizes for their research and dissertations, and has been a member of the Ph.D. thesis committees of more than 100 other students. He has served as consultant to national and international organizations, and to many of the busiest airports in the world on projects related to practically every aspect of airport planning and design, and of air traffic management.

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