



**NEXTOR-MIT Symposium on the
Economic and Social Value of Air Transportation**

Hosted by the
National Center of Excellence for
Air Transportation Operations Research (NEXTOR)
and the
Massachusetts Institute of Technology (MIT)

Sponsored by the
Federal Aviation Administration (FAA) and
Bombardier, Inc.

**MIT Endicott House
Dedham, Massachusetts
April 1-2, 2004**

Day 1: Thursday, April 1, 2004

07:30 Breakfast (Mansion Living Room & Brooks Lobby)

08:30 Welcome & Introduction (Brooks Lecture Hall)

John-Paul Clarke
Associate Professor of Aeronautics and
Astronautics
Massachusetts Institute of Technology

08:45 Keynote Speech (Brooks Lecture Hall)

The importance of air transportation to
social and economic development

Maryvonne Plessis-Fraissard
Director of Transport and Urban
Development
The World Bank

09:45 Break (Brooks Lobby)

10:00 Session I (Brooks Lecture Hall)

**How does air transportation enable social
and economic development?**

Moderator:
Wilson Felder
Director, Technology Development
Federal Aviation Administration

Speakers:
Cornelia Fisher
Economist
Air Transport Bureau
International Civil Aviation Organization

Bruno Miller
Research Assistant
International Center for Air
Transportation
Massachusetts Institute of Technology

Richard R. Miller
Executive Vice President
World Travel & Tourism Council

11:30 Discussion (Brooks Lecture Hall)

12:00 Lunch (Mansion Living Room)

Speaker:
Annalisa Weigel
Assistant Professor of Aeronautics and
Astronautics and Engineering Systems
Massachusetts Institute of Technology

13:30 Session II (Brooks Lecture Hall)

**Do we have the right air transportation
infrastructure and technology to enable
social and economic development?**

Moderator:
William Swan
Chief Economist
The Boeing Company

Speakers:
James Delong
Chair of the Transportation Research Board
Airport Cooperative Research Program
(ACRP) Committee

George Donohue
Professor of Systems Engineering and
Operations Research

George Mason University
Charles Evans
Director of Airline Industry Analysis and
Strategy
Bombardier, Inc.

15:00 Discussion (Brooks Lecture Hall)

15:30 Break (Brooks Lobby)

16:00 Session III (Brooks Lecture Hall)

**Is air transportation financially
sustainable?**

Moderator:
Michael Ball
Professor of Decision and Information
Technologies
University of Maryland

Speakers:
John-Paul Clarke
Associate Professor of Aeronautics and
Astronautics
Massachusetts Institute of Technology

Aaron Gellman
Professor of Industrial Engineering and
Management Sciences
Northwestern University

Thomas Kinton
Director of Aviation
Massachusetts Port Authority

17:30 Discussion (Brooks Lecture Hall)

18:00 Break (Brooks Lobby)

18:30 Dinner (Mansion Living Room)

Hosted by Bombardier, Inc.

Speaker:

Piers Cumberlege

Vice President Global Partnerships

Bombardier, Inc.

21:00 End of Day 1

Day 2: Friday, April 2, 2004

07:30 Breakfast (Mansion Living Room & Brooks Lobby)

08:30 Session IV (Brooks Lecture Hall)

What national and international policies are needed to support air transportation?

Moderator:

Mark Hansen

Associate Professor of Civil and
Environmental Engineering

University of California at Berkeley

Speakers:

Richard Golaszewski

Executive Vice-President

GRA, Inc.

Nancy LoBue

Deputy Assistant Administrator

Federal Aviation Administration

Andres Ricover

Air Transport Specialist

Inter-American Development Bank Consultant

10:00 Discussion (Brooks Lecture Hall)

10:30 Break (Brooks Lobby)

11:00 Breakout Sessions: What do we really know?

How to enable social and economic
development?

(Brooks Seminar Room A)

Do we have the right infrastrucure?

(Brooks Seminar Room B)

Is air transportation financially sustainable?

(Brooks Seminar Room C)

What policies are needed?

(Brooks Lecture Hall)

12:00 Lunch (Mansion Living Room)

NEXTOR Steering Committee Meeting (Mansion Gun Room - lunch provided)

13:30 Breakout Sessions: What research and policy are required?

How to enable social and economic development?

(Brooks Seminar Room A)

Do we have the right infrastructure?

(Brooks Seminar Room B)

Is air transportation financially sustainable?

(Brooks Seminar Room C)

What policies are needed?

(Brooks Lecture Hall)

15:00 Break (Brooks Lobby)

15:30 Summary of proposed research and policy initiatives (Brooks Lecture Hall)

16:00 End of Day 2

Attendees List

Name	Organization
Christian Alcindor	Bombardier Inc.
Michael Ball	University of Maryland
Joan Bauerlein	FAA
James Beamish	Bombardier Inc.
Rick Brody	SAIC
David Chin	FAA
John-Paul Clarke	MIT
Paul Collopy	DFM Consulting
Piers Cumberlege	Bombardier Inc.
James Cutler	Nothrop Grumman IT
James DeLong	Transportation Research Board
Betty Desrosiers	Massport
George Donohue	George Mason University
Anthony Dziepak	FAA
Francisco Estrada	FAA
Charles Evans	Bombardier Inc.
Wilson Felder	FAA
Robert Fenton	BAE Systems Inc.
Cornelia Fisher	ICAO
Norman Fujisaki	FAA
Aaron Gellman	Northwestern University
Richard Golaszewski	GRA Inc.
John Gordon	FAA
Jady G. Handal	FAA
Mark Hansen	UC Berkeley
Joseph Hartman	Boise State University
George Hendon	FAA
Robert Hoffman	Metron Aviation
Nalin Jain	Bombardier Intl.
Tomas Kinton	Massport
Peter Kostiuik	Logistics Management Institute
Flavio Leo	Massport
Craig Lindsay	FAA
Nancy LoBue	FAA
John McArthur	Columbia University
Edmund Meyer	FAA
Richard Miller	World Travel and Tourism Council

Bruno Miller	MIT
Archie Muckle	FAA
Kevin Neels	CRA
Jack Oswald	Nothrop Grumman IT
Maryvonne Plessis-Fraissard	World Bank
Fernando Pinzon	Beacon Management Group
Arturo Politano	FAA
Andres Ricover	Aviation consultant
Scott Sanders	Wilbur Smith Associate
Vincent Scarano	FAA
Katie Servis	Hoyle, Tanner and Associates
Scott Simcox	NEXTOR
Natalia Sizov	MIT
William Swan	Boeing Co.
Ryan Tam	MIT
Georg Theis	MIT
Charles O. Thorpe Jr.	FAA
Antonio Trani	Virginia Tech
Patricia Watts	FAA
Annalisa Weigel	MIT
Andres Zellweger	NASA