

NEXTOR

NATIONAL CENTER OF EXCELLENCE FOR AVIATION OPERATIONS RESEARCH

**First Annual Research Symposium
FAA Headquarters Auditorium
November 14, 1997**

8:00 Registration

8:30 Welcome and Introductions

Adib Kanafani, NEXTOR Co-Director, Univ. of California - Berkeley

- Introductory Remarks
Dennis DeGaetano, Deputy Associate Administrator for Research and Acquisition
- The NEXTOR Program
Norman Fujisaki, Program Manager, Investment Analysis and Operations research ASD-400
Anthony Vanchieri, NEXTOR Program Manager, ASD-400

9:00 Overview of the Symposium

Adib Kanafani

- Reflections on the First Year's Research Program
Amedeo Odoni, NEXTOR Co-Director, Massachusetts Institute of Tech.

9:30 Session I - Safety and Security (Chair: Mr. Christopher Hart, Associate Administrator for System Safety, ASY-1)

- Positive Passenger Baggage Match
Arnold Barnett, MIT
Mark Hansen, UCB
- GAIN/Integration Tool
Geoffrey Gosling, UCB
James Blanchard, Embry-Riddle Aeronautical University
- World Aviation Safety Data
Arnold Barnett

10:45 Break

11:00 Session II - Collaborative Decision Making (Chair: James Wetherly, Office of Air Traffic System Development, AUA-520)

- CDM Research
Michael Ball, University of Maryland
- Toward CDM Implementation
Michael Wambsganss, Metron, Inc.
- Future Directions
Amedeo Odoni

12:15 Lunch

1:30 Afternoon Session: Remarks by Jan Brecht-Clark, Director, Office of Aviation Research, AAR-1

Session III - Issues for the Future of ATM (Chair: Steven Bradford, NAS Concept Development, ASD-130)

- AATT Future Concepts Definition
John Hansman, MIT
- Synthesis of a Future ATM Operational Concept
Aslaug Haraldsdottir, Boeing Commercial Airplane Group
- CTAS Verification
Darren Cofer, Honeywell, Inc.
- Distributed ATM Concepts
Shankar Sastry, UCB
Claire Tomlin, UCB
- Reusable Launch Vehicles
James Kuchar, MIT
Antonio Trani, VPI

3:15 Summary and Closing - Adib Kanafani

3:30 Adjourn