

# Technology – Smart Solutions for Airport Capacity

- Bring your airport challenges to brainstorming breakouts on new approaches to airside, terminal and landside planning
- Learn from case studies how airports are using today's technology to address capacity needs
- Discover how advances in Information Technology and Modeling and Simulation promote safe and efficient designs and cooperation among airport stakeholders
- Discuss emerging technologies and strategies for introducing them at your airport

**Sponsors:**

**HNTB**



**MultiGen-Paradigm**  
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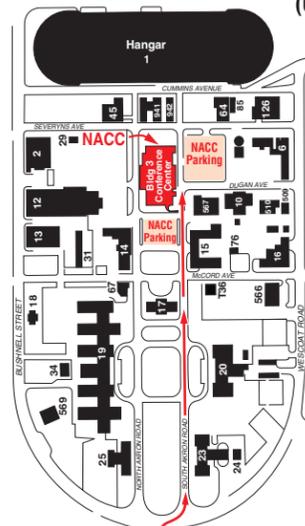
**LEIGH FISHER ASSOCIATES**  
A Division of Jacobs Consultancy Inc.



## Important Information

### Location of Event

**NASA Ames Research Center (ARC)**  
**Building 3, NASA Ames Conference Center (NACC)**  
Moffett Field, CA 94035-1000 • Phone for Sept. 12 & 13 only  
(650) 604-2206



### Directions

From SFO, take Highway 101 South, from SJC, take 101 North, exit onto Moffett Blvd (east) and proceed to the Main Gate entrance. Continue straight, following the signs to the NACC parking lots.

### Badging Information

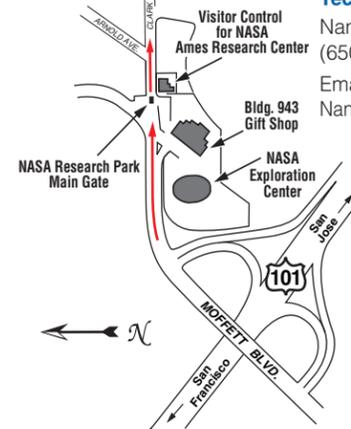
- Visitor badges not required
- Must have photo ID

### For additional information, please contact:

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650-604-2866  
FNIAPW@mail.arc.nasa.gov

### Technical Program

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National Aeronautics and Space Administration

# FAA/NASA/Industry Airport Planning

September 12–13, 2006

TECHNOLOGY –  
Smart Solutions  
for Airport  
Capacity

workshop

www.nasa.gov

**P R O G R A M**

**TUESDAY, SEPTEMBER 12, 2006**

- 8:00 Sign-in / Continental Breakfast**  
Sponsored by *HNTB*
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- 9:00 Welcome**  
**Dr. S. Pete Worden**  
*Director, NASA Ames Research Center*
- 
- 9:10 Introductory Remarks**  
**Dennis Roberts, Director,**  
*Office of Airport Planning and Programming,  
Federal Aviation Administration (FAA)*
- 
- 9:30 Keynote Presentation**
- 
- 10:00 Break**
- 
- 10:30 SESSION #1 – Today’s Airport Planning Issues, Needs and Solutions**  
*Perspectives from an Executive Panel of Air Transportation System Stakeholders*  
Moderator: **Gregory Principato, President,**  
*Airports Council International - North America*
- FAA
  - Airports
  - Airlines
  - Consultants
  - Local & State Government
- Discussion
- 
- 12:15 Lunch**  
Sponsored by *Booz | Allen | Hamilton*
- 
- 1:00 BREAKOUT SESSION #2 – Today’s Airport Planning Issues, Needs and Solutions**  
*Case Studies and Open Discussion*
- 2A: AIRSIDE**  
Facilitator: **Michael Floyd, Director of Planning,**  
*Hartsfield-Jackson Atlanta International Airport*
- 2B: TERMINAL**  
Facilitator: **Kim Day, Aviation Consultant**
- 2C: LANDSIDE**  
Facilitator: **Danielle Rinsler, Director of Planning,**  
*San Francisco International Airport*

**TUESDAY, SEPTEMBER 12, 2006 continued**

- 2:45 Break**
- 
- 3:15- 5:00 BREAKOUT SESSION #3 – Modeling and Simulation Solutions**  
*Case Studies and Open Discussion*
- 3A: AIRSIDE**  
Facilitator: **Evan Futterman, Chairman,**  
*Aviation Services, HNTB Corporation*
- 3B: TERMINAL**  
Facilitator: **Nick Davidson, Managing Director,**  
*Leigh Fisher Associates*
- 3C: LANDSIDE**  
Facilitator: **James Green, Vice President,**  
*DMJM Aviation, Inc.*
- 
- 5:00- 6:30 Reception**  
Sponsored by *SAIC and Leigh Fisher Associates*

**WEDNESDAY, SEPTEMBER 13, 2006**

- 8:00 Continental Breakfast**  
Sponsored by *MultiGen-Paradigm*
- 
- 8:30 SESSION #4 – Information Technology Solutions - The Integrated Airport**  
*Panel Presentations and Discussion*  
Moderator: **Randall H. Walker, Director,**  
*Dept. of Aviation, Clark County, Nevada*
- The Broad Vision of Integrated Airport IT Systems: Solutions and Benefits
  - The Wireless Airport, Web-enabled Applications
  - Efficient Ramp Management
  - Electronic Data Management Systems (GIS, etc.)
- 
- 10:15 Break**

**WEDNESDAY, SEPTEMBER 13, 2006 continued**

- 10:45 SESSION #5 – Information Technology Solutions - Airport Security**  
*Panel Presentations and Discussion*
- Airport Security Solutions
  - Passenger Processing and Screening Solutions
  - Baggage Processing and Screening – RFID and other Technologies
  - Queuing Solutions
- Discussion
- 
- 12:30 Lunch**  
Sponsored by *Landrum & Brown*
- 
- 1:00 SESSION #6 – Future Airport Planning Technology Concepts**  
*Panel of Air Transportation System Researchers and Technology Developers*  
Moderator: **Dennis Roberts, Director,**  
*Office of Airport Planning and Programming, FAA*
- Airport Technology for Agile Air Transportation System
  - Technology for Improved Security
  - Airport Surface Automation
  - National Airspace System Information Management – 25 Year Vision
- Discussion
- 
- 2:45 Break**
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- 3:00 CLOSING REMARKS: FAA and NASA**
- 
- 3:15- 5:00 NASA SimLabs Tours (Optional)**
- FutureFlight Central
  - Crew Vehicle System Research Facility
  - Vertical Motion Simulator

For event updates, please visit:  
[http://www.simlabs.arc.nasa.gov/airport\\_workshop.html](http://www.simlabs.arc.nasa.gov/airport_workshop.html)

**R E G I S T R A T I O N**

**REGISTER ONLINE AT:**  
[http://www.simlabs.arc.nasa.gov/airport\\_workshop.html](http://www.simlabs.arc.nasa.gov/airport_workshop.html)  
or complete the following form with credit card information and fax to 650-604-3266 (attn: Honoris Ocasio)  
**NO LATER THAN AUGUST 25, 2006**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company or Affiliation: \_\_\_\_\_

Non U.S. Citizen Country: \_\_\_\_\_  
*(Registration for foreign nationals due no later than July 21, 2006)*

Address: \_\_\_\_\_

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Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Please check  if you are attending the following:

Lunch, Sept. 12       Reception, Sept. 12

Lunch, Sept. 13       NASA tours, Sept. 13

**Primary Area of Interest:**

Airside       Terminal       Landside

Please contact me about my special physical accommodation or dietary needs.

**Registration Fee Per Person:**  
**\$175 (May 22 - July 31) \$225 (after July 31)**  
Includes two breakfasts, two lunches and the reception

Circle your payment method:

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Please make check payable to: **NASA Ames Exchange**  
and mail to: **Honoris Ocasio, MS 243-6**  
**NASA Ames Research Center**  
**Moffett Field, CA 94035**