



## **Moving Metrics: A Performance-Oriented View of the Aviation Infrastructure, Tuesday, January 27 – Friday, January 30, 2004**

### **Asilomar Conference Center, Pacific Grove CA**

This conference will bring together academic researchers, consultants, users, and government officials to consider technical and organizational aspects of the FAA's transition toward a performance-based organization. In a series of plenary sessions, participants will engage in discussion and give formal presentations on key dimensions of aviation infrastructure performance including:

- The latest thinking on how performance should be conceptualized, defined, and measured.
- Ongoing initiatives to improve performance.
- Performance trends.
- Comparisons with non-aviation sectors.

Much of the program will be organized in terms of key dimensions of performance, including safety, capacity and delay, predictability, efficiency and productivity, and end-user metrics. The conference will present opportunities for those specializing in various dimensions of performance to exchange ideas and information.

Participants will leave this conference with a broader perspective on how their own programs and work contribute to and affect the performance of the National Airspace System, new insights on how these contributions can be measured and documented, recognition of near- and longer-term opportunities for improving NAS performance, and heightened awareness of their participation in a challenging, vast, and vitally important enterprise.



## **Moving Metrics: A Performance-Oriented View of the Aviation Infrastructure**

**Asilomar Conference Center  
Pacific Grove, CA**

### **Tuesday, Jan. 27**

Registration and Dinner

### **Wednesday, Jan. 28**

8:30-10:00 Policy and Organizational Context  
Wilson Felder, Federal Aviation Administration

10:15-11:45 Safety I (Yu Zhang, Facilitator)  
Arnold Barnett, Massachusetts Institute of Technology  
Marc Rose, MCR Systems  
Julia Pounds, Federal Aviation Administration

11:45-1:00 Lunch

1:00-2:30 Safety II (Carolyn McAndrews, Facilitator)  
John Shortle, George Mason University  
Nastaran Coleman, Federal Aviation Administration

Yu Zhang, UC Berkeley

3:00-5:00 Flexibility/Predictability (Chieh-Yu Hsao, Facilitator)

Jim Evans, Lincoln Labs  
Bala Chandran, UC Berkeley  
Tom Vossen, University of Colorado  
John-Paul Clarke, Massachusetts Institute of Technology

6:00 Dinner

### **Thursday, Jan. 29**

8:30-10:00 Capacity and Delay I (Chieh-Yu Hsao, Facilitator)

Dave Knorr, Federal Aviation Administration  
Tom Willemain, Rensselaer Polytechnic Institute  
Ken Lamon, MITRE

10:15-12-12:15 Capacity and Delay II (Tanja Bolic, Facilitator)

Mike Bennett, The CNA Corporation  
George Donohue, George Mason University  
Mark Hansen, UC Berkeley  
Jasenka Rakas, UC Berkeley

11:45-1:00 Lunch

1:00-3:00 Equity and Efficiency (Avijit Mukherjee, Facilitator)

Mike Ball, University of Maryland  
Adib Kanafani, UC Berkeley

Tae Oum, University of British Columbia  
Rich Golaszewski, Gellman Research Associates

3:30-5:00 End-User Metrics (Wanjira Jirajarporn,  
Facilitator)

Herm Rediess, Federal Aviation Administration  
Michele Merkle, Federal Aviation Administration  
Dave Chen, Federal Aviation Administration

6:00 Reception and Dinner

Russ Chew, Federal Aviation Administration (Dinner  
Speaker)

## **Friday, January 30**

8:30-10:00 Airline Perspectives (Huifang Yin, Facilitator)

Roger Beatty, American Airlines  
Pat Oldfield, United Airlines  
Wenbin Wei, San Jose State University

10:15-11:00 Inter-sectorial Comparisons (Tanja Bolic,  
Facilitator)

Jonathan Gifford, George Mason University  
Bill Garrison, UC Berkeley

11:00-12:00 Wrap-up (Jasenka Rakas, Facilitator)

Bill Dunlay, UC Berkeley