



Best Paper Awards

Best Air Ground Cooperation

- ▶ Todd Callantine – San Jose State University/NASA Ames
 - Air and Ground Simulation of Terminal-Area FMS Arrivals with Airborne Spacing and Merging

Best Airport Management

- ▶ Christoph Meier - DLR
 - Verification and Validation Results from the Operational A-SMGCS Field Trials of the Project BETA

Best Airspace Management

- ▶ Arnab Majumdar – Imperial College London
 - The factors affecting airspace capacity in Europe: A Framework Methodology based on Cross Sectional Time-Series Analysis

Best Decision Support

- ▶ James Evans – MIT Lincoln Laboratory
 - Quantifying Convective Delay Reduction Benefits for Weather/ATM Systems

Best Environmental Impacts and Mitigation

- ▶ Hayley Davison Reynolds – MIT
 - HF Implications of Continuous Descent Approach Procedures for Noise Abatement in Air Traffic Control

Best Human Factors 1 of 2

- ▶ Tatjana Bolic – University of California at Berkeley
 - User Request Evaluation Tool (URET) Adoption and Adaptation; Three Center Case Study

Best Human Factors 2of2

- ▶ Phillipe Averty – CENA
 - Conflict Perception by ATCS Admits Doubt but not Inconsistency

Best Metrics and Performance Management

- ▶ David Lovell – University of Maryland
 - Modeling delays and Cancellation Probabilities to Support Strategic Simulations

Best Safety

- ▶ John Andrews – MIT Lincoln Laboratory
 - Safety Analysis for Advanced Separation Concepts

Best Traffic Flow Optimization

- ▶ Michael Ball – University of Maryland
 - Response Mechanisms for Dynamic Air Traffic Flow Management

Best Innovative Air Traffic Management Concepts

- ▶ Thierry Miquel – DSNA
 - Statistical Performance Evaluation Between Linear and Nonlinear Designs for Aircraft Relative Guidance