

## ATM2013 Best Paper Awards by Theme

Paper Number/Theme	Paper Title	Author(s)
299 - Air Ground Integrated Concepts	Pilot and Controller Evaluations of Separation Function Allocation in Air Traffic Management	<p><b>NASA Langley</b> David Wing Sean Commo Timothy Lewis Sally Johnson</p> <p><b>NASA Ames</b> Thomas Prevot Christopher Cabrall</p> <p><b>San Jose State University/NASA Ames</b> Lynne Martin Jeffrey Homola Joey Mercer Susan Morey</p> <p><b>Booz Allen Inc/ NASA Langley</b> Manasi Sheth-Chandra</p>
255 -ATM as a Complex System	Modeling Delivery Accuracy for Metering Operations to Support RNAV Arrivals	<p><b>FAA - NextGen</b> Ian Levitt</p> <p><b>MITRE</b> Lesley Weitz</p> <p><b>Aurora Sciences</b> Michael Castle</p>
183 - ATM Performance Measurement and Management	Identifying Temporally Persistent Flows in the Terminal Airspace via Spectral Clustering	<p><b>MITRE</b> Marco Enriquez</p>
229 - Dynamic Airspace and Capacity Management	Sector Workload Model for Benefits Analysis and Convective Weather Capacity Prediction	<p><b>MIT Lincoln Laboratory</b> Jerry Welch John Cho Ngairé Underhill Richard DeLaura</p>

170 - Enhanced Surveillance and Navigation	Assessing the Benefits of NextGen Performance Based Navigation (PBN)	<b>Saab Sensis Corporation</b> Sebastian Timar George Hunter  <b>FAA - NextGen</b> Joseph Post
333 - Environment and Energy Efficiency	Evaluating Air Carrier Fuel Efficiency and CO2 Emissions in the U.S. Airline Industry	<b>Illinois University-Chicago</b> Bo Zou  <b>UC Berkeley</b> Mark Hansen Matthew Elke
326 - Finance and Policy	How Airlines Set Scheduled Block Times	<b>UC Berkeley</b> Lu Hao Mark Hansen
208 - Human Factors	An Investigation of Flight Deck Data Link in the Terminal Area	<b>NASA Ames</b> Sandra Lozito John Kaneshige  <b>San Jose State University</b> Lynne Martin Victoria Dulchinos  <b>SGT Technologies</b> Shivanjli Sharma
320 - Integrated Airport/Airside Operations	A Methodology to Assess the Safety of Aircraft Operations when Aerodrome Obstacle Standards cannot be met	<b>TU Dresden</b> Hartmut Fricke  <b>GfL - Gesellschaft fuer Luftverkehrsforschung</b> Christoph Thiel
216 - Network and Strategic Traffic Flow Optimization	Airspace Sectorisation using Constraint-Based Local Search	<b>Uppsala University</b> Pierre Flener Peter Jägare Justin Pearson
247 - Safety and Resilience	Optimizing the Next Generation Collision Avoidance System for Safe, Suitable, and Acceptable Operational Performance	<b>MIT Lincoln Laboratory</b> Jessica Holland Mykel Kochenderfer Wesley Olson

264 - Separation	A New Framework for Solving En-Route Conflicts	<p><b>ENAC</b> Cyril Allignol</p> <p><b>ENAC/MAIAA</b> Nicolas Barnier Nicolas Durand</p> <p><b>IRIT</b> Jean-Marc Alliot</p>
233 - Trajectory and Queue Management	Regression Analysis of Top of Descent Location for Idle-thrust Descents	<p><b>NASA Ames</b> Laurel Stell</p> <p><b>Airservices Australia</b> Jesper Bronsvort Greg McDonald</p>
321 - Unmanned Aircraft Systems (UAS) Integration	Maintaining separation between airliners and RPAS in non-segregated airspace	<p><b>Catalonia University</b> Enric Pastor Marc Perez-Batlle Xavier Prats Pablo Royo Raul Cuadrado</p>
177 - Weather in ATM	An Operational Evaluation of the Ground Delay Program Parameters Selection Model (GPSM)	<p><b>Mosaic ATM, Inc.</b> Lara Shisler Christopher Provan</p> <p><b>MIT Lincoln Laboratory</b> David Clark</p> <p><b>NASA Ames</b> William Chan Shon Grabbe</p> <p><b>National Weather Service</b> Kenneth Venzke Christine Riley</p> <p><b>FAA – Program Management Organization</b> Dan Gilani</p> <p><b>FAA – System Operations Services</b> Ed Corcoran</p>

ATM2013 Overall Best Seminar Paper  
Kevin Corker Award

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208 - Human Factors	An Investigation of Flight Deck Data Link in the Terminal Area	<b>NASA Ames</b> Sandra Lozito John Kaneshige  <b>San Jose State University</b> Victoria Dulchinos Lynne Martin  <b>SGT Technologies</b> Shivanjli Sharma