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Plenary Sessions / Workshop

Plenary Panel I Global Harmonization		
Moderators: Steve Bradford	(FAA) & Michael Standar (SJU)	
Conference IntroductionN/A	Benjamin Levy, Conference General Chair	
Conference Keynote: "CNS Roadmap: How to Reach a Breakthrough?"1	Philippe Merlo, Director Air Traffic Management, EUROCONTROL	
Plenary Welcome and Introductions8	Steve Bradford, FAA and Michael Standar, SESAR Joint Undertaking (SJU)	
The Need for a Harmonized Evolution of the Global Air Navigation System11	Saulo Da Silva, ICAO	
High Altitude New Entrants - A Fresh Opportunity24	Nancy Graham, Graham Aerospace International LLC	
CARATS Update28	Shuji Takahashi, JCAB	
Time for a Conceptual Change in CNS?35	Emilien Robert, EUROCONTROL	
A Trust Framework Enabling Global Secure Aviation Interoperability41	Robert Segers, FAA	
Airbus Perspective on CNS Evolution51	Didier Delibes, Airbus	
Aircraft CNS – Boeing Roadmap for Harmonization56	Chip Meserole, Boeing	
ICNS Champion Award62	Benjamin Levy, Conference General Chair	
"Time and Navigation: The Untold Story of Getting From Here to There" Keynote presentation during Exhibitor's ReceptionN/A	Roger Connor, National Air and Space Museum	

This plenary explain the status of the GANP evolution via a keynote address from Steve Creamer, Director ANB, ICAO. The co-chairs will expand on the content of the NextGen - SESAR harmonization towards interoperability and how it links with the GANP and other ATM modernization programs. Our speaker from Japan will discuss the status of the CARATS program to further link the discussions towards key priorities where interoperability and harmonization will be crucial. The plenary will further the presentation into the specific plans and needs in Europe and the U.S. and the specific priorities, challenges and opportunities. Finally, the session will aim to trigger a good discussion between the panelists and the audience for a fair and honest debate about ongoing topics of activities, services and enablers in the aviation and ATM area.

Plenary Panel II StakeholderExpectationsonCNSfrom theAirport/Airlines Community		
Moderator: Bernd Korn (DLR)		
Welcome and IntroductionsN/A	Benjamin Levy, Conference General Chair	
Plenary Welcome and IntroductionN/A	Bernd Korn, German Aerospace Center (DLR)	
Fraport – An Airport Operator's Perspective 63	Simon Graf, Fraport AG	
CNS Evolution: An Airline Perspective78	Mike Cirillo, Airlines for America (A4A)	
Needed CNS Capabilities in Major Terminal Areas82	Tom Becher, MITRE	
Airport Perspectives on Data Integration86	Kent Duffy, FAA	
Best Paper Awards92	Jonathan Lee and Lance Sherry	

This plenary presents the opportunity to exchange views on the technology and systems delivered to the "end users." Speakers will discuss the experience, success, shortcomings, and expectations from programs such as Data Comm, Terminal Flight Data Manager (TFDM), and Time Based Flow Management (TBFM). The CNS research and development community at the conference benefits from this discussion for closer and more effective future collaboration.

ICNS Workshop 2018

Interactive Workshop: Beyond Intellectual Line of Sight (BILOS) – Anticipating the Future of Comm, Nav, and Surveillance...88

While drones and periodic commercial space operations dominate the headlines, how do we step back to more strategically anticipate what the next 20 years of communication, navigation, and surveillance technologies could bring to the National Airspace System (NAS) and the broader aerospace industry?

Join a panel discussion and unique, interactive futures planning exercise to discuss this very topic. Hear select excerpts from industry research and insights that discuss the role of artificial intelligence, cybersecurity, unmanned systems, and commercial space opportunities will plan in impacting the NAS.

Explore these impacts across a range of topics such as safety management, certification, talent management, and the role of the human in an increasingly automated world.

Participate in a "world café" style set of discussions to examine these impacts across stakeholder communities – for engineers, solution providers, airports, operators, technicians, and managers or executives alike.

This session is guaranteed to open your eyes and mind to the possibilities of what "could be" and instill some of that creative thinking and planning in your day job after the workshop is done.

Chairs: Dr. Lance Sherry, GMU & Denise Ponchak, NASA Glenn Research Center

Welcome	Denise Ponchak, NASA Glenn Research Center
Interactive ''World Café'' Style Set of Discussions	Bob Etris, (Evans Inc.) - Moderator Victoria Cox (Veracity) Chris Corgnati (PAE ISR) Jim Stroiney (FAA)

Plenary Panel III

Part 1

Use of Commercial Services/Outsourcing to Supply CNS Services – Pros and Cons

Moderator: Steve Bradford, FAA		
Welcome and IntroductionsN/A	Benjamin Levy, Conference General Chair	
Plenary Welcome and IntroductionsN/A	Steve Bradford, FAA	
Next Generation of CNS Services and the Enabling Infrastructure93	Michael Standar, SESAR Joint Undertaking (SJU)	
A Few Kind Words on Aviation Standards and Development Assurance98	Stephen Van Trees, FAA	
Use of Commercial Services and Outsourcing to Supply CNS Services – An ANSP's Perspective104	Werner Langhans, Austro Control	
The Role of the Service Provider to Support Next Generation CNS Services111	Rick Heinrich, Rockwell Collins	
Transition to IP-Based Links for Aviation117	Greg Saccone, Boeing	

The FAA and other ANSPs are considering a future vision that will make greater use of service providers to support their CNS needs. This vision includes the transmission of safety service communications using more commercially available systems, which may or may not operate in protected spectrum. This plenary will discuss this new way of doing business with individuals who will debate both the pros and cons. You won't want to miss what is sure to be a lively session.

Plenary Panel III Part 2 Opportunities for CNS Providers to Enable UAS Integration	
Moderators: Paul Bosman, EUROCO	NTROL, and Randy Willis, FAA
Plenary Welcome and Introductions122	Paul Bosman, EUROCONTROL, and Randy Willis, FAA
SKYWAYS: An Airbus's Perspective on Urban Air Mobility124	Olivier Colaitis, Airbus
Services for Large RPAS: Ground-Based DAA Surveillance, GPS Augmentation, and Voice Communications129	Brandon Suarez, General Atomics Aeronautical Systems, Inc. (GA-ASI)
UAS Integration Challenges from a Test Site Perspective130	Ray Young, Northeast UAS Airspace Integration Research (NUAIR) Alliance
CNS Opportunities in Risk-Based Safety Cases135	Mark Blanks, Virginia Tech Mid-Atlantic Aviation Partnership (MAAP)
CNS for UTM – What Are Some of the Initial Challenges We Face?140	Frank Matus, Thales Group

Unmanned aircraft, big and small, continue to catch a great deal of attention in air traffic management and far beyond. Innovative though mature CNS solutions are required to enable and accelerate the safe integration of these aircraft into the airspace. Moderated by U.S. and Europe, this session will show the latest state of play from a cross section of U.S. and European industry. Both latest developments as well as lessons learned will be presented and discussed.

Technical Program

Track 1: Cybersecurity Michael Olive, Honeywell and Rainier Koelle, Eurocontrol			
	Session A: Secure Network an Jonathan Graefe, Rock	d Data Communications swell Collins - IMS	
144	AeroMACS Delivering Secure Networks Through PKI Policy and Certificate	Declan Byrne, WiMAX Forum Oscar Marcia, Eontii Damon Kachur, Comodo CA Geoffrey Noakes, DigiCert	
152	Paving the Way for an IT Security Architecture for LDACS: A Datalink Security Threat and Risk Analysis	Nils Maeurer, German Aerospace Center (DLR) Arne Bilzhause, Universitat Passau	
163	ATN/IPS Security Approach: Two-Way Mutual Authentication, Data Integrity, and Privacy	Madhu Niraula, Rockwell Collins Jonathan Graefe, Ron Dlouhy, Mark Layton, and Mark Stevenson, Rockwell Collins - IMS	
180	On the Security of Aeronautical Datalink Communications: Problems and Solutions	Corentin Bresteau, Simon Guigui, Paul Berthier, José.M Fernandez , École Polytechnique de Montréal	
	Session B: Challenges of the Connected Aircraft Krishna Sampigethaya, UTC		
193	Cybersecurity: The Internet of Things meets the Connected Aircraft	Don Christie, Honeywell Aerospace	
210	Trustworthiness Requirements and Models for Aviation and Aerospace Systems	Anna Baron Garcia, Radu Babiceanu, Remzi Seker, Embry-Riddle Aeronautical University	
Session C: Unmanned, ADS-B and Enterprise Considerations Don Christie, Honeywell			
220	Cyber Security of Unmanned Aircraft System Traffic Management (UTM)	Krishna Sampigethaya, United Technologies Research Center Parimal Kopardekar, and Jerry Davis, NASA Ames Research Center	
235	Lightweight Crypto for Lightweight UASs	Kevin Driscoll, Honeywell International Inc.	

243	ADS-B Security Consideration in Japanese Airspace from a Technical Perspective	Junichi Naganawa, H. Miyazaki, T. Koga, H. Tajima, ENRI
248	An Enterprise Cybersecurity Strategy for Federal Critical Infrastructure Modernization	Ian Bradley, Brian Norville, Georgetown University
Track 2: UAVs and New Entrants Chris Wargo, Mosaic ATM and Greg Woo, Volpe National Transportation Systems Center		
Session A: DAA, Collision Avoidance & Safe Separation Session I James Gardner, Mosaic ATM		
255	Automated Detect and Avoid: Autonomy and Ethics	Eric Theunissen, Netherlands Defence Academy Tessa Veerman, ISD
268	Commercial Space Vehicle Tracking using ADS-B	Nickolas Demidovich, FAA Office of Commercial Space Transportation Nestor Voronka, M42 Technologies, LLC
274	Small Unmanned Aircraft Electromagnetic Interference (EMI) Initial Assessment	Jaewoo Jung, NASA Ames Research Center
Session B: DAA, Collision Avoidance & Safe Separation Session II Dan Zeleznikar, NASA Glenn Research Center		
284	Offset Calculation for Traffic Scenarios	Andreas Volkert, Niklas Peinecke, German Aerospace Center (DLR)
294	UAS Ground-Based Detect and Avoid Capability	Raymond Young, Northeast UAS Airspace Integration Research Alliance
308	ADS-B Mixed sUAS and NAS System Capacity Analysis and DAA Performance	Konstantin Matheou, Zin Technologies Inc Rafael Apaza, Alan Downey, Robert Kerczewski, and John Wang, NASA Glenn Research Center
319	Pre-Flight Checks of Navigation Systems and PAPI Lights Using a UAV	Ebrahim Rahnama, Mostafa Asaadi, Kaveh Parto, Atsep at Iran Airports And Air Navigation Company
Session C: UAS Communication & Navigation Systems and Technologies Session I Ann Tedford, Aviation Management Associates, Inc.		
326	UAS CNS Architectures for Uncontrolled Airspace	Fred Templin, Greg Sheffield, and Pedro Taboso, The Boeing Company Raj Jain, Association for Computing Machinery (ACM) Denise Ponchak, NASA Glenn Research Center
344	Wide Band Channel Characterization for Low Altitude Unmanned Aerial System Communication Using Software Defined Radios	Nozhan Hosseini, David Matolak, University of South Carolina

353	Reliability Analysis of Cooperative Traffic Conflict Detection in Drone Ad-Hoc Networks	Lukas Schalk, German Aerospace Center (DLR)
363	Frame Structure of the C-Band Digital Aeronautical Communications System	Daniel M. Mielke, German Aerospace Center (DLR)
Sess	ion D: UAS Communication & Navigatio Ian Wilson, F	n Systems and Technologies Session II Boeing
375	Narrowband Propagation Statistics of Aeronautical Mobile-Ground Links in the L- and C-Bands	Albert Smith, David Matolak, University of South Carolina Robert Kerczewski, NASA Glenn Research Center
385	Phased Array Antenna for the Mitigation of UAS Interference	James Downey, Bryan Schoenholz, Marie Piasecki, Robert Kerczewski, NASA Glenn Research Center
393	Assessing C2 Communications for UAS Traffic Management	Robert Kerczewski, Rafael Apaza, Alan Downey, John Wang, NASA Glenn Research Center Konstantin Matheou, Zin Technologies, Inc
403	Total System Error Performance of Drones for an Unmanned PBN Concept	Robert Geister, Lennart Limmer, Markus Rippl, and Thomas Dautermann, German Aerospace Center (DLR)
Session E: UAS Traffic Planning Systems & ATM Methods Ken Leiden, Mosaic ATM		
412	Integration of Fixed Air-Routes into UAS Traffic Management System	Daniel Kekere, Ighor Uzhinsky, Skolkovo Institute of Science and Technology
423	Incorporating Emerging Markets into NAS Collaborative Planning	Alicia Fernandes, Timothy Bagnall, Corey Snipes, Chris Wargo, Mosaic ATM, Inc.
433	Rapid Assessment of Air Traffic Impact of Blocking Airspaces	Amal Srivastava, MITRE Corporation
442	UAS Traffic and Flight Plans for Simulation Modeling	Sanjiv Shresta, FAA
Session F: System Concepts, Airspace Design, Regulatory & Policy Session I Frank Aquiler, NASA Ames Research Center		
452	Addressing the Low-Altitude Airspace Integration Challenge - USS or UTM Core?	Frank Matus, Brenden Hedblom, Thales
463	UTM — A Complimentary Set of Services to ATM	Praveen Raju, Federal Aviation Administration Joseph Rios, National Aeronautics and Space Administration Addam Jordan, LS Technologies, LLC
470	UAS System Engineering & Integration (SE&I) Study	Frank Weber, FAA Kevin Niewoehner, Booz Allen Hamilton
Session G: System Concepts, Airspace Design, Regulatory & Policy Session II Rick Niles, MITRE		

477	UAS Situational Awareness Shortcomings, Gaps, and Future Research Needs	Terry Blumer, Aviation Management Associates, Inc. Chris Wargo and George Hunter, Mosaic ATM
485	New Entrant Operations above Flight Level 600 (FL600)	Madison Welch, Jennifer Gentry, MITRE
496	Integration of UAS in Existing Air Traffic Management Systems Connotations and Consequences	Ian Wilson, Boeing Research and Technology
	Track 3: Air Traffic Ma Bernd Korn, German Aeros Ralf Mayer,	nagement (ATM) pace Center (DLR) and MITRE
	Session A: A Amal Srivastav	Airport va, MITRE
503	A Scenario-Based Optimization Approach to Robust Estimation of Airport Apron Capacity	Kaiquan Cai, Wei Li, Fei Ju, Xi Zhu, School of Electronics and Information Engineering, Beihang University
511	Passenger Object Data Service for End-to- End Trajectory Based Operations	Antonio Correas, Skymantics Europe, Charles Chen, Skymantics
520	Analysis of Cost Effectiveness for Remote Tower Facilities	Jack McQueston, Susan Hanson and Ronald Stevens, The MITRE Corporation
Session B: Advanced TMA Operations Alexander Kuenz, German Aerospace Center (DLR)		
531	Balancing Throughput and Safety: An Autonomous Approach and Landing System (AALS)	Oleksandra Snisarevska, Lance Sherry, John Shortle, George Donohue, Center for Air Transportation Systems Research at George Mason University
539	Technical Feasibility and Impacts of Reducing Standard Separation Minima in Final Approach	Mohamed Ellejmi, EUROCONTROL
548	Multi-Objective Integrated Arrival & Departure Aircraft Sequencing under the Influence of Sequential Flights	Junfeng Zhang, Nanjing University of Aeronautics and Astronautics
	Session C: Performan Robert Geister, German Ae	ice Assessment I erospace Center (DLR)
557	Assessing Vertical Flight Profiles during Climb and Descent in the US and Europe	Sam Peeters, and Hartmut Koelman, EUROCONTROL, Ruth Galaviz-Schomisch, Marc Meekma, and Stany Dalmet, FAA
571	Aviation Strategic Outlook Areas Driving The NAS CNS-ATM System of Systems	Ronald Stroup, Federal Aviation Adminstration
580	Analysis of En-Route Vertical Flight Efficiency	Sam Peeters, Guglielmo Guastalla, Kevin Grant, EUROCONTROL
588	Quantifying Operating Cost Reduction from Aircraft Performance Optimization	David Lax, Mark Darnell, Brandon Rhone, Nicholas Visser, Owen O'Keefe, GE Aviation Systems LLC

Session D: Performance Assessment II Tom Becher, MITRE		
600	Evaluating Air Navigation Service Efficiency of European Airports Utilizing DEA	Steffen Hoffmann, Andreas Dellnitz, Andreas Kleine, FernUniversität in Hagen (University of Hagen) and Rainier Kölle, EUROCONTROL
613	Evaluating of the Benefits of Allowing Flight Level and Mach Number Adjustment for Fuel Efficiency for Flight Operations	Tao Li, University of Texas at Arlington Antonio Trani, Virginia Tech
625	A Global View on the Alignment of World- Wide Air Traffic	Alexander Kuenz, German Aerospace Center (DLR)
635	Evaluation of Conflict Detection Based on Probability	Premek Volf, Czech Technical University in Prague, Faculty of Electrical Engineering, Department of Computer Science, Artificial Intelligence Center
Session E: Trajectory Based Operations		
	Elida Smith,	MITRE
643	Managing Aircraft by Trajectory: Literature Review and Lessons Learned	Kenneth Leiden, Alicia Fernandes, Stephen Atkins, Mosaic ATM, Inc.
659	Taking Trajectory Based Operations to the Next Level: Management by Trajectory	Alicia Fernandes, Stephen Atkins, Kenneth Leiden, Timothy Bagnall, Curt Kaler, Mosaic ATM, Inc.
674	Advanced Trajectory Modeling: Use of Aircraft-Derived Data in Ground Automation	Victoria Gallagher, Federal Aviation Administration, Alicia Fernandez, Mosaic ATM
Session F: Traffic Flow Management Paul Diffenderfer, MITRE		
689	A Transitional System for Operating Both Sectorless and Sectored Airspace in Southeast Asia	Hee Wei Gary Foo, Zhao-Wei Zhong, Nanyang Technological University
700	A Dynamic Adaptive NSGA-II Algorithm for Sector Network Flight Flow Optimization	Wenhao Wu, Xuejun Zhang, Kaiquan Cai, Wei Li, School of Electronics and Information Engineering, Beihang University
708	A Comparison Study of Scheduled Block Times in China and Europe	Wei Dai, Civil Aviation Air Traffic Institute, Civil Aviation University of China, and Rainer Koelle, Performance Review Unit, EUROCONTROL
719	Benefits of Reducing National Playbook Flight Rerouting via Advanced Flight- Specific Trajectories (AFST)	William Weiss, Glenn Foster, Tim Stewart, MITRE
	Session G: CDM and Sp	pecial Operations
	Anuja Verma	, MITRE
725	Towards a Value-Added Information Layer for SWIM: the Semantic Container Approach	Eduard Gringinger, Frequentis AG Christoph G. Schuetz, Bernd Neumayr, Michael Schrefl, Johannes Kepler University Linz and Scott Wilson, EUROCONTROL
739	Real-Time Alerting of Flight Status for Non- Aviation Suppliers in the Air Transportation System Value Chain	Lance Sherry, Oleksandra Snisarevska, Michael Perry, Center for Air Transportation Systems Research at George Mason University

Session B: Communications - System Architectures Shoichi Hanatani, AVICOM		
855	Inmarsat Aviation Safety	Dale Irish, Inmarsat
848	L-Band Digital Aeronautical Communications System (LDACS) Flight Trials in the National German Project MICONAV	Thomas Gräupl, Michael Schnell, Daniel Mielke, Nils Maeurer, Alexandra Filip, German Aerospace Center (DLR)
840	L-Band Digital Aeronautical Communications System (LDACS) Activities in SESAR2020	Christoph Rihacek, Frequentis AG Thomas Gräupl, German Aerospace Center (DLR) Pierluigi Fantappie, Leonardo S.p.a. Nikolaos Fistas, EUROCONTROL Michael Schnell, German Aerospace Center (DLR)
Session A: Communications - Data Link Bruce Eckstein, FirebirdSE LLC		
Track 4: Communications, Navigation, and Surveillance (CNS) Michael Schnell, German Aerospace Center (DLR) and Brent Phillips, Federal Aviation Administration (FAA)		
833	Most Suitable Airport to Land API on the Cloud	Samet Ayhan, Boeing Research and Technology
824	Concepts for Delivering IFR Clearances and Exchanging Pre-Departure Data Using Mobile Devices	Paul Diffenderfer, Kevin Long, Sara Wilkins, The MITRE Corporation
	Session I: General Av Ralf Mayer,	MITRE
815	General Aviation Operations by Aircraft Type	Tao Li, University of Texas at Arlington, Antonio Trani, Virginia Tech
799	Technical Approach to FF-ICE Planning and Global Harmonization through IIH&V	Thien Ngo, FAA Alessandro Zuniga, Harris Corporation
789	Guidelines for Speech Interactions between a Pilot and Cognitive Assistant	Steven Estes, John Helleberg, Kevin Long, Matthew Pollack, Marco Quezada, MITRE
776	An Operational Approach to FF-ICE Planning and Global Harmonization Through IIH&V	Diana Liang, Federal Aviation Administration Kristin Cropf, Adrian Solomon, and Rob Sherwin, LS Technologies, LLC
	Session H: Informatio Ralf Mayer,	on Management MITRE
764	Paired Approach Flight Demonstration: Planning and Development Activities	Kenneth Leiden, Mosaic ATM, Inc. Steph Priess, The MITRE Corporation Paul Harrison, Alaska Airlines Rocky Stone, United Airlines Mark Palmer, Federal Aviation Administration
749	Air Traffic Controller Conduct of a No- Closer-Than Spacing Operation	Corporation

861	Airport Information Sharing Concept Architecture Development	Rafael Apaza, NASA Glenn Research Center Antonio Correas, Skymantics				
868	Preparing for Transition-Accommodation of Mixed Data Communication Equipage for a Harmonized Future	Gregory Saccone and Ryan Hale, Boeing Research & Technology Michael Matyas, Boeing Commercial Airplanes Michael Olive, Honeywell				
878	A Conceptual Infrastructure for Global Airspace Management and Control	Terry Davis, atfCYBER				
887	In-Flight Performance of a Multi-Mode Software Defined Radio Architecture for Universal Radios	Anh-Quang Nguyen, Abdessamad Amrhar, Rene Jr Landry, Ecole de Technologie Superieure (ETS), LASSENA				
	Session C	CNS				
	Izabela Gheorgh	isor, MITRE				
904	New Interface Requirements - Implications for the Future	James Farrell, VIGIL, Inc., Willliam Woodward, Engineering Development Laboratories				
919	Frequency Assignment Function for Unmanned-Aircraft Command and Control Links	Frank Box, Richard Snow, Angela Chen, Steven Bodie, Leo Globus, The MITRE Corporation				
	Session D: Navigation - APNT					
	Mitch Narins, Strateg	ic Synergies LLC				
934	New APNT Ranging Signals as an Opportunity for Rationalizing Ground Infrastructure	Giuseppe Battista, Rachit Kumar, Okuary Osechas, Boubeker Belabbas, German Aerospace Center (DLR)				
945	Research on Alternative Positioning Navigation and Timing in Europe	Valeriu Vitan, EUROCONTROL Luca Saini, THALES Air Systems Jean-Pierre Arethens, THALES Avionics Boubeker Belabbas, German Aerospace Center (DLR) Petr Hotmar, Honeywell Aerospace				
962	DME Potential for Data Capability	Dongsong Zeng, Frank Box, John Ashley, Leo Globus, The MITRE Corporation				
978	Multilateration in the Absence of GPS and Reference Transmitter Synchronization	Robert Mueller, Regulus-Group				
Session E: Navigation						
Dongsong Zeng, MITRE						
995	Improved 5th-CKF and its Application in Initial Alignment	Wei Wang, Xiyuan Chen, Southeast University, Nanjing, China				
1004	A Low-Cost GPS/INS Integration Methodology Based on DGPM during GPS Outages	Yuexin Zhang, Lihui Wang, Nan Qiao, and Xinhua Tang, Southeast University Bin Li, Beijing Research Center of Intelligent Equipment for Agriculture				
1012	A Novel Robust Kalman Filter for SINS/GPS Integration	Min Zhong, Xiaosu Xu, Xiang Xu, Key Laboratory of Micro-Inertial Instrument and Advance Navigation Technology				

Session F: Surveillance - ADS-B Ann Heinke, Stellar Solutions and Paul Prisaznuk, ARINC					
1025	Data Integrity Augmentation by ADS-B SSR Hybrid Techniques	Paolo Mariano, Patrizio De Marco, Claudio Giacomini, Leonardo SpA			
1035	Bird Strike Risk Mitigation Using Avian Radar and ADS-B	Chris Bartone, Christopher Drummond, Anthony Milluzzi, Ohio University			
1043	Initial Results on Narrowband Air-Ground Propagation Channel Modeling using Opportunistic ADS-B Measurement	J. Naganawa, H. Miyazaki, T. Otsuyama, J. Honda, ENRI			
Session G: Surveillance					
Greg Saccone, Boeing					
1053	Application of Reinforcement Learning to Detect and Mitigate Airspace Loss of Separation Events	Megan Hawley, Raj Bharadwaj, Honeywell			
1063	Experimental Prototype for MSPR Based on Optical Fiber Connected Passive PSR	Masato Watanabe, Junichi Honda, Takuya Otsuyama, Electronic Navigation Research Institute (ENRI)			
Track 5: Special Topics Rafael Apaza, NASA Glenn Research Center and Dongsong Zeng, MITRE					
Session A: Special Topics I Antonio Correas, Skymantics					
1072	Dual Use CNS Boosts Civil-Military Interoperability	Jorge Pereira, Ricardo Oliveira, EUROCONTROL			
1081	The Remote Oceanic Meteorology Information Operational Demonstration	Eldridge Frazier, FAA Weather Research Branch, ANG-C61 Cathy Kessinger, Tenny Lindholm, and Gary Blackburn, National Center for Atmospheric Research Jim Olivo, BCI, Industries			
1094	Moral Autonomy in Decision-Making Support from Avionics Analytics Ontology	Carlos C. Insaurralde, Teesside University Erik Blasch, Air Force Office of Scientific Research			
Session B: Special Topics II Ganghuai Wang, MITRE					
1105	Attentional Convolutional Neural Networks for Object Tracking	Xiangdong Kong, Baochang Zhang, Lei Yue, Zehao Xiao, Beihang University			
1116	Design of Ice Super Saturated Region (ISSR) Vizualization Tool for Contrail Planning	Denis Avila, Lance Sherry, Center for Air Transportation Systems Research, George Mason University Terrence Thompson, The Climate Service			

Session C: Certification Steve Van Trees, FAA				
1123	FAA Aircraft Certification Reorganization	Steve Van Trees, FAA		
1129	UAS Certification Considerations	Ravi Jain, FAA		
1143	Dual Satellite Simultaneous Service - Certification Considerations	Dave Robinson, FAA		

Additional Papers				
1153	A Flexible Airborne Datalink System Architecture for Civil Helicopters	W. Yun-Sheng and L. Yanxiao, CETC Avionics Co., Ltd.		
1160	Design and Implement of Global Flight Tracking System Based on Satellite-Based ADS-B	M. Chen, P. Wang, Z. Zhang, X. Jin; Civil Aviation University of China and F. R. Pei, Inner Mongolia Air Traffic Management Sub-bureau		
1170	Research on Global Tracking and Monitoring Technology of Aircraft Based on Multi- Information Sources	W. Wang, J. Yang, Z. Zhang, R. Guo; Civil Aviation University of China		
1178	A Playback System for Flight Surveillance Information	J. Yang, W. Wang, Z. Zhang, P. Han; Civil Aviation University of China and H. Xu; Dalian Air Traffic Management Station of Civil Aviation Administration of China		