Tuesday, June 24

8:30		Welcome and Registration				
9:00	Welcome by Conference Chairs					
	Dirk Schaefer, EUROCONTROL					
	Eric Neiderman, FAA					
		Welcome by Hosts				
	Martin Kučera, Prague Airport Welcome by xxx					
0.45		Welcome by Tânia Cardoso Simões, EUROCONTROL				
9:15		Keynote 1 "Digitalization and automatization in Prague airport Operations"				
9:45	Tomas Vlacil, Prague Airport Coffee					
10:15	Integrated airport/airside operations l	ATM performance measurement and management I	Autonomous, unmanned and remotely piloted aircraft systems and			
	Session chair: Joe Post, University of South Florida	Session chair: Jose Miguel De Pablo, CRIDA	emerging operations I Session chair: tbd			
	81: Robust Management of Airport Security Queues Considering Passenger	5: Assessing Airport Surface Traffic Performance from Open Sources of				
	Non-compliance with Chance-Constrained Optimization	Aviation Data	3: An Evaluation of UTM ConOps for Drone Deliveries: From Pre-Planned Air			
	Mark Hansen, University of California, Berkeley	Xavier Olive, ONERA	Corridors to Dynamic 4D Trajectories			
			Shuangxia Bai, City University of Hong Kong			
	43: Speech-to-Route: Leveraging Large Language Models for Taxi Route	40: Traffic complexity measurement via collective dynamics analysis of				
	Visualization	arrival traffic patterns	23: Optimization-Guided Exploration of Advanced Air Mobility Congestion			
	Phat Thai, Nanyang Technological University	Xuhao Gui, Nanjing University of Aeronautics and Astronautics	Management Strategies with Stochastic Demands Max Li, University of Michigan			
	53: Machine learning predictions of Target Off-Block Time and Turnaround	19: Unlocking Runway Capacity: Enhancing Efficiency through Dynamic	riax Ei, Oniversity of Michigan			
	Duration for all European A-CDM Airports	Pairwise Aircraft Wake Separation	30: A Concept for Procedural Terminal Area Airspace Integration of Large			
	Paolino De Falco, EUROCONTROL	Kam Hung Ng, The Hong Kong Polytechnic University	Uncrewed Aircraft Systems at Non-Towered Airports			
			Tim Felix Sievers, DLR & Jordan Sakakeeny, NASA Ames			
12:15		Lunch				
13:15	Doctoral paper session 1 Session chair: David Lovell, University of Maryland	Doctoral paper session 2 Session chair: Marc Bourgois, EUROCONTROL	Doctoral paper session 3			
	Session chair: David Lovett, University of Marytand	Session chair: Marc Bourgois, EUROCONTROL	Session chair: Yu Yu Zhang, University of South Florida			
	Design of a hybrid-electric powertrain model for trajectory optimization	Multimodal Traffic Coordination for Safety Landings	Learning to Explain Air Traffic Situation			
	Edgar Böttcher, TU Dresden	Pavithra Sathya Kumar, University of the Bundeswehr, Munich, Germany	Hong-ah Chai, Korea Aerospace University			
	Structural predictability of large-scale aircraft interaction networks	Spatial Analysis-Driven Facility Location Optimization for Vertiports	Modified Dijkstra's Algorithm for Search and Rescue Operations in Dynamic			
	Raúl López-Martín, IFISC	Elif Erkek, TU Dresden	Wildfire Environments			
			Elia Ghisellini, ENAC			
14:15		Coffee				
14:45	Integrated airport/airside operations II	ATM performance measurement and management II	Autonomous, unmanned and remotely piloted aircraft systems and			
	Session chair: Dirk Kügler, DLR	Session chair: Jose Miguel De Pablo, CRIDA	emerging operations II			
	FO. Oh	Od. Fundada a Aldina a Cabada dad Baster Tima Address a 100 11 2	Session chair: Nicolas Durand, ENAC			
	56: Chances and Pitfalls of the Point Merge Concept – A design Optimization Framework with a Case Study for Leipzig/Halle Airport on Noise,	31: Exploring Airlines Scheduled Buffer Time Adjustment Strategies: An Analytical Approach	32: Including intent in detect-and-avoid systems for remotely piloted aircraft			
	Capacity and Flight Efficiency	Ying Zhou, Nanyang Technological University	systems for remotety pitoted aircraft			
	Hartmut Fricke, TU Dresden	g 210a, Nanyang reamotogical onwestly	Sybert Stroeve, NLR			
	,	87: Identification and Characterization for Disruptions in the U.S. National	-y			
	28: A new method to compute more appropriate off-block times and taxiing	Airspace System (NAS)	45: Development of Cooperative Operating Practices for Upper-Class E			
	paths for airport surface management	Mark Hansen, University of California, Berkeley	Traffic Management (ETM)			
	Ruixin Wang, ENAC		Paul Lee, NASA			
		7: Impacts of ADS-B In Approach Applications during Revenue Operations	70. Verking & Diagrams and See High are Alight to Day 77 C			
		Dan Howell, Regulus Group	70: Vertiport Placement for Urban Air Mobility to Reduce Time for Multimodal Travel			
			Yashovardhan S. Chati, Tata Consultancy Services			
16:45		end of day 1				
19:00		Committee Dinner (Klášterní šenk, Markétská 1/28)				

Wednesday, June 25

6:00	5k Fun Run				
9:30	Welcome coffee				
10:00	Safety, resilience, and security	Air traffic flow management and	Weather, climate and energy efficiency I		
	Session chair: Sybert Stroeve, NLR	optimization I	Session chair: Tom Reynolds, MIT Lincoln		
		Session chair: Daniel Delahaye, ENAC	Laboratory		
	64: An MAC Probability Assessment				
	Framework for Integrated Operations in	10: Efficient Real-Time Aircraft ETA	6: Assessing Climate Impact of Contrails:		
	Urban Air Mobility Considering Safety	Prediction via Feature Tokenization	Insights from Japan's High-Density Airspace		
	Barriers	Transformer	and Meteorological Conditions		
	Jinpeng Zhang, Beihang University	Liping Huang, A*STAR	Katsuhiro Sekine, The University of Tokyo		
	90: Anomaly Detection of Aircraft on Final	41: Tactical Demand and Capacity	16: Quantifying Uncertainty Distributions		
	Approach to an Aerodrome with Temporal	Balancing with Uncertainty Using	for Airport Capacity Predictions		
	Fusion Transformers	Incremental Path-Search based on Spatio-	Benjamin Tolley, MIT Lincoln Laboratory		
	Nidhal Bouaynaya, Rowan University	Temporal Graph			
		Yutong Chen, Nanyang Technological	46: Recommending Traffic Management		
	4: Responsible AI for Air Traffic	University	Initiatives in Non-Convective Weather		
	Management: Application to Runway		James Jones, MIT Lincoln Laboratory		
	Configuration Assistance Tool	65: Flight allocation in flight-centric air			
	Milad Memarzadeh, NASA	traffic control: A MILP model approach			
		Andréas Guitart, ENAC			
12:00		Light Lunch			
12:30	Tutorial 1 Tutorial 2				
12.30		Reinforcement Learning for Air Traffic	Contrail-Modeling & Trajectory-		
		Control Applications with BlueSky-Gym	Optimization for Climate-Smart Flight		
		Jan Groot, TU Delft	Operations using Python-based Open-		
		Jan Gloot, 10 Den	Source Libraries		
			Manuel Soler & Abolfazl Simorgh, UC3M		
			Transcription & The Strate of Morgin, 6 0011		
14:00		Refreshments			
14:45		Visit Prague Airport (optional)			

Thursday, June 26

Leaming-Based Acoustic Health Monitoring of Motor Health Manuel Arias Chao, Zurich University of Applied Sciences 29: Do ATCOs Need Explanations, and Why? Towards ATCO-Centered Explainable Al for Conflict Resolution Advisories Katherine Fennedy, Nanyang Technological University 13: A Data-Driven Framework for Next-Day Traffic Forecasting at Small Airports with Multi-Scale Machine Learning Zhuoxuan Cao, University of Maryland Tutorial 3 Navigating the Skies through Hostile Environments: GNSS Interference Impact on Aviation Jakub Steiner & Jakub Tryb, Czech Technical University Technical University Toffic Doctoral paper session 4 Session chair: Dirk Schaefer, EURCCONTROL Optimisation of the North Atlantic Air Traffic Management to midgate environmental impact on Nils Ahrenhold, DLR Dynamic modeling of UAV trajectory predictions in an urban environment Machine Learning Services in the Houston Airspace William Jeenry Coupe, NASA 60: Learning Network Flow Control Strategies from Miles-In-Trail Data Nany Xie, Manjing University of Aeronautics and Astronautics 4 Aeronautics and Astronautics Aeronautics and Astronautics 4 Aeronautics and Astronautics 54: A machine learning model to aid in predicting flight trajectory sequencing delays near the arrival airport Danae Mitkas & Martin Durbin, FAA Tutorial 4 Customizing LLMs for ATM: Challenges and Opportunities Thinh Pham & Yash Guleria, NTU Tutorial 4 Customizing LLMs for ATM: Challenges and Opportunities Trajectory Opinization Tutoria OpenAP, Traffic, and FastMet Junzi Sun, TU Delft Session chair: Dirk Schaefer, EURCCONTROL Optimisation of the North Atlantic Air Traffic Management to mitigate environmental impact Nils Ahrenhold, DLR Dilv, Tsinghua University Generative Stress-Testing for Air T Management Resilience		Keynote 2			
Coffee Automation, human factors, and decision support systems I Session chair: Jacco Hoekstra, TU Deltt Session chair: Jacco Hoekstra, TU Deltt Session chair: Michael Schuttz, University of the Bundeswehr Munich Session chair: Tom Reynolds, MIT Lab Session chair: Tom Reynolds, MIT Lincoln Lab Wield Zhou, Technical University of Capacity Decision Support Develor Tom Reynolds, MIT Lincoln Lab Strategies from Mites-In-Trail Data Nianxi Xie, Nanjing University of Aeronautics and Astronautics Arabine learning model to aid in predicting flight trajectory sequencing delays near the arrival airport Danae Mitkas & Martin Durbin, FAA Tutorial 3 Navigating the Skies through Hostile Environments: GNSS Interference Impact on Aviation Jakub Steiner & Jakub Typ, Czech Technical University Lunch Tutorial 4 Customizing Lillan for ATM: Challenges and Opportunities Thinh Pham & Yash Guteria, NTU Dottoral paper session 4 Session chair: Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Capacity Decision Support Develor Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Lab Session chair: Tom Reynolds, MIT Lincoln Capacity Decision Support Develor Tom Reynolds, MIT Lincoln Lab Session Chair: Tom Reyno	Panel topic				
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Friday, June 27

8:30	Automation, human factors, and decision	5	4-D Trajectory planning, prediction, and			
	support systems II	optimization III	management			
	Session chair: Cheryl Quinn, NASA	Session chair: Hartmut Fricke, TU Dresden	Session chair: Max Li, University of			
			Michigan			
	67: Leveraging Retrieval-Augmented In-	82: From En-Route to Touchdown:				
	context Learning for Complex Air Traffic	Uncertainty Analysis of Inbound Traffic	8: Stochastic Cruise Speed Control for Time-			
	Scenario Generation	Flows to Singapore Changi Airport	Based Metering Under Uncertainty			
	Yash Guleria, Nanyang Technological	Daniel Lubig, TU Dresden	Yoshinori Matsuno, Japan Aerospace			
	University		Exploration Agency			
		85: A robust optimization approach for				
	88: Automating Terminal Airspace	dynamic airspace configuration	9: Forecasting of Airline En Route Delay for			
	Vectoring: A Machine-Assisted Approach for	Go Nam Lui, Lancaster University	Individual Flights with Supervised Learning			
	Sequencing, Spacing and Merging of Arrival		Marta Ribeiro, TU Delft			
	Flights	86: Predicting Reactionary Delays in a Hub-				
	Lim Zhi Jun, Nanyang Technological	Spoke Network using Graph Attention	69: Optimized Sequencing and Conflict-			
	University	Neural Networks	Free Path Planning for Arrival Flights during			
	_	Constanca Veiga, TU Delft	Runway Direction Changes			
	61: Adaptive Traffic-Following Scheme for		Hao Jiang, Nanyang Technological			
	Orderly Distributed Control of Multi-Vehicle		University			
	Systems		•			
	Anahita Jain, The University of Texas at					
	Austin					
10:30	Coffee					
11:00	Panel 2					
	Panel topic Panel topic					
12:30	Light Lunch					
13:30	Plenary Closing Session					
	Best Paper Awards					
14:30		End of Day 4				