## Tuesday, June 24

8:30		Welcome and Registration					
9:00	Welcome by Conference Chairs						
	Dirk Schaefer, EUROCONTROL						
	Eric Neiderman, FAA						
9:15	Welcome by Hosts						
		Martin Kučera, Prague Airport					
		Welcome by xxx					
9:45		Keynote 1					
		"Digitalization and automatization in Prague airport Operations"					
		Tomas Vlacil, Prague Airport					
10:15		Coffee					
10:45	Integrated airport/airside operations I Session chair: Joe Post, University of South Florida	ATM performance measurement and management I Session chair: Jose Miguel De Pablo, CRIDA	Autonomous, unmanned and remotely piloted aircraft systems and emerging operations I  Session chair: Nicolas Durand. ENAC				
	81: Robust Management of Airport Security Queues Considering Passenger	5: Assessing Airport Surface Traffic Performance from Open Sources of	Session chair: Nicolas Durand, ENAC				
	Non-compliance with Chance-Constrained Optimization	S. Assessing Ailport surface Hamic Performance from Open Sources of 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				
	Haik Hailsell, Officially of Galifornia, Berkeley	Navior Otive, ONETIA	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	chaungha ban, only officially officing nong				
	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					
	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				
12:45		Lunch					
13:45	Doctoral paper session 1	Doctoral paper session 2	Doctoral paper session 3				
10.40	Session chair: David Lovell, University of Maryland	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				
	0						
	Structural predictability of large-scale aircraft interaction networks  Raúl López-Martín, IFISC	Spatial Analysis-Driven Facility Location Optimization for Vertiports  Elif Erkek, TU Dresden	Modified Dijkstra's Algorithm for Search and Rescue Operations in Dynamic Wildfire Environments				
	Raut Lopez-Maitill, IFISC	Elli Elkek, 10 Diesdell	Elia Ghisellini. ENAC				
			Ella Giriselliri, ENAG				
14:45		Coffee					
15:15	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				
	56: Chances and Pitfalls of the Point Merge Concept – A design	Od. F In the delicine Calculul Differential Adicular and Charlesian An	Session chair: Nicolas Durand, ENAC				
	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				
	Hartmut Fricke, TU Dresden	ring Zhou, Nanyang recimological oniversity	Sybert Stroeve, NLR				
		87: Identification and Characterization for Disruptions in the U.S. National	,,,				
	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					
		Dan Howell, Regulus Group	70: Vertiport Placement for Urban Air Mobility to Reduce Time for				
			Multimodal Travel				
			Yashovardhan S. Chati, Tata Consultancy Services				
17:15		end of day 1					
40.00							
19:00		Committee Dinner (Klášterní šenk, Markétská 1/28)					

## Wednesday, June 25

6:00	5k Fun Run			
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	
		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-	
			Source Libraries	
			Manuel Soler & Abolfazl Simorgh, UC3M	
4400				
14:00	Refreshments			
14:45	Visit Prague Airport (optional)			

## Thursday, June 26

Automation, human factors, and decision support systems I Session chair: Jacco Hoekstra, TU Delft of the Bundeswehr Munich 63: Ensuring UAS Airworthiness: Deep Learning-Based Acoustic Heatth Monitoring of Motor Heatth Manuel Arias Chao, Zurich University of Applied Sciences 29: Do ATCOs Need Explanations, and Why? Towards ATCO-Centered Explainable AI 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 Manyland  Tutorial 3  Customizing LLMs for ATM: Challenges and Opportunities Thinh Pham and Yash Guteria, NTU  Optimisation of the North Atlantic Air Traffic Management to mitigate environmental impact Nils Ahrenhold, DLR  Weather, climate and energy of Session chair: Tom Reynolds, Mit energy of Session chair in Reynolds, Mit energy of Session chair Image Session chair in Reynolds, Mit energy of Session chair Image S		Keynote 2				
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Management to mitigate environmental impact Considering Wake Effects and I Nils Ahrenhold, DLR Di Lv, Tsinghua Universi		Session chair: Dirk Schaefer,	<b>Doctoral paper session 5</b> Session chair: James Jones, MIT Lincoln Lab			
			Spatiotemporal Trajectory Planning for Multi-Aircraft Terminal Operations in UAM			
prediction in an urban environment Management Resilience		impact	Considering Wake Effects and Dynamics Di Lv, Tsinghua University			
end of day 3		impact Nils Ahrenhold, DLR  Dynamic modeling of UAV trajectory prediction in an urban environment				
Gala Dinner		impact Nils Ahrenhold, DLR  Dynamic modeling of UAV trajectory prediction in an urban environment Md Ashraful Islam, TU Dresden	Di Lv, Tsinghua University  Generative Stress-Testing for Air Traffic  Management Resilience			

## Friday, June 27

8:30	Automation, human factors, and decision	Air traffic flow management and	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 Neural Networks	69: Optimized Sequencing and Conflict-			
	University		Free Path Planning for Arrival Flights during			
	C1. Adoptive Treffic Following Coheme for	Constanca Veiga, TU Delft	Runway Direction Changes			
	61: Adaptive Traffic-Following Scheme for Orderly Distributed Control of Multi-Vehicle		Hao Jiang, Nanyang Technological University			
	Systems		Offiversity			
	Anahita Jain, The University of Texas at					
	Anama Jam, The Oniversity of Texas at					
	Austin					
10:30		Coffee				
10:30	Coffee Panel 2					
11.00	Panel topic					
	i dilectopio					
12:30	Light Lunch					
13:30	Plenary Closing Session					
10.00	Best Paper Awards					
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14:30		End of Day 4				