

UNIVERSITY OF TURKISH AERONAUTICAL ASSOCIATION
FACULTY OF BUSINESS ADMINISTRATION
VI. INTERNATIONAL
AVIATION MANAGEMENT
CONFERENCE
(INTAVIC'23)

Meeting Link

<https://zoom.us/j/7559465695?pwd=Tm1CaHZUcVFBcHdETC9ycmRYYldWdz09&omn=99652345377>

Meeting ID: 755 946 5695

Password: intavic23

19 DECEMBER 2023 / TUESDAY

09.45 – 10:00 Opening Speeches

Conference Chair (Assoc. Prof. Dr. Ceyda AKTAN)

Dean of the Faculty of Business Administration (Prof. Dr. Uğur Murat LELOĞLU)

Rector of UTAA (Prof. Dr. Rahmi ER)

10.00 – 11.30 Keynote Speakers

Prof. Dr. Konstantinos KALLIGIANNIS (International University of Applied Sciences, Germany)

Prof. Dr. Jakob FUNKENSTEIN (International University of Applied Sciences, Germany)

Prof. Dr. Ferhan ŞENGÜR (Eskisehir Technical University, Türkiye)

Asst. Prof. Dr. Bahri Baran KOÇAK (Dicle University/ Journal of Aviation, Türkiye)

11.30 – 12.30 Lunch Break

SESSION I: UNMANNED AERIAL VEHICLES

12.30-14.00

Session Chair: Assoc. Prof. Yaşar KÖSE

- Evaluation of the Unmanned Aerial Vehicles Market (Aysu Asena ASLAN, Hüseyin Erbil ÖZYÖRÜK)
- Use of Unmanned Aerial Vehicles in Logistics (Haydar ATEŞ)
- UAVs Usage in Humanitarian Logistics: Challenges, Opportunities, and Future Works (Simay Göksu KORKMAZ, Ece İrem ÇORA, Sertif DEMİR)
- Design and Production of Unmanned Aerial Vehicle with High Maneuver Capability (Ahmet Aziz BİLGİN, Ömer Melih SEVİCİ, Halil ARAT)
- Advanced Air Mobility: An Evaluation for Future Aviation Systems (Ferhan ŞENGÜR, Hasan Buğra IŞILAR, Mert AKINET)

14.00 – 14.30 Break

SESSION II: AVIATION MANAGEMENT I

14.30-16.00

Session Chair: Dr. Meriç GÖKDALAY

- The View of Reserve Pilot: Case of Turkey (Tolga KORKMAZ, Aliye ATAY, Özkan YAVUZYILMAZ)
- Crew Vacation Planning Optimization (Önder TOMBUŞ)
- Examination of Fog Events at Airports According to CAT Categories and Acquisition of Airport Ruyetographs (Osman TEK, Ahmet Duran ŞAHİN)
- A New Solution Approach for Optimizing the Integrated Airline Scheduling Problem in The Management of Irregular Operations (Gürkan Güven GÜNER, Serpil EROL)

16.00 – 16.30 Break

SESSION III: GREEN AVIATION

16.30-18.00

Session Chair: Assoc. Prof. Aliye ATAY

- Effects of Climate Change on Takeoff Performance of Airplanes in Terms of Takeoff Distance and Climate Rate (Şeyda YALÇINKAYA ÇAĞLIYAN, Deniz DEMİRHAN)
- Sustainable Green Airport Applications: A Two-Stage Analytical Solution to Reduce Carbon Emissions (Fatma TEPE, Aygül KARABAYEVA, Beyzanur ÇAYİR ERVURAL)
- Current Developments in Policies of The European Union Regarding the Reduction of Greenhouse Gas Emissions from The Activities in Aviation (Halil ÇEÇEN)
- Review of The Regulations for Reducing Greenhouse Gas Emissions in Turkish Aviation Sector within The Framework of The European Union Law and Turkish Climate Change Bill (Halil ÇEÇEN)
- The Nexus Between Air Cargo, Carbon Dioxide Emissions, Economic Growth, Labour Force and Industrialization In G-7 Countries: Evidence from Panel Vector Autoregression Approach (Alper ASLAN, Erkam Emin AYYVAZ, Hicran ERGEN)

20 DECEMBER 2023 / WEDNESDAY

SESSION IV: AVIATION MANAGEMENT II

09.00-10.30

Session Chair: Assoc. Prof. Bahar AŞCI

- Cyber Security in the Aviation Sector: Attack Analysis and Protection Strategies from 2018 to 2023 (Ahmet ATEŞ)
- Helicopter Offshore Operations Planning (Özkan YAVUZYILMAZ, Rahmi Baybora TETİK)
- Management of Aircraft in Disaster and Crisis Situations Strategic Approach: Swot Analysis (Hüseyin SELEK, Şener ODABAŞOĞLU)
- Airport Digitalization Elements from The Manager Perspective (Ferhan ŞENGÜR, Doğan KILIÇ, Mert AKINET)

10.30 – 10.45 Break

SESSION V: MARKETING

10.45-12.15

Session Chair: Asst. Prof. Dr. Elif Tuğba ŞAHİN

- Integrating Sustainability and Marketing Strategies for Airport Development in the Aviation Industry (Furkan KARAMAN, Mustafa Fatih YÜCEL)
- The Role of Metaverse in Airline Marketing: Investigating Airline Industry Examples (Esra CİVELEK YILMAZ, Özlem ATALIK)
- The Effect of Social Media Marketing on Purchasing Decisions in Airline Companies: A Research on Generation Z (Halil Hazar EMEKSİZ)
- Designing Experiences: Unveiling Passenger Perspectives Through Service Design at an Airport (Yudem İNEL, Ahmet ÖZTÜRK, Rüveyda KOÇ, İnci POLAT)
- Passenger Experience in a New Generation Inflight Concept (Mutlu Can SOYDAN)

12.15 – 13.00 Lunch Break

SESSION VI: FINANCE

13.00-14.30

Session Chair: Assoc. Prof. Ceyda AKTAN

- Financial Risks and Management in The Airline Industry: A Case Study in An Airline Company (Yaşar KÖSE)
- Investigation of The Relationships Between Oil Price and Airline Stock Value (Eşref KULOĞLU)
- Sustainable Finance: Evidence From the Aviation Sector (Burcu ZENGİN)
- Measuring The Risks of Financial Failure of Airline Companies: The Case of Pegasus and Turkish Airlines (Yusuf Bahadır KAVAS, Batuhan MEDETOĞLU, Salih TUTAR)
- Solution Suggestions for Optimization of the Planned Extra Fuel Cost in Downhill Traffic Density (Ahmet Selim SÜZER)

14.30 – 14.45 Break

SESSION VII: SUSTAINABILITY

14.45-16.15

Session Chair: Prof. Dr. Sertif DEMİR

- The Importance of Sustainable Organizational Learning in Aviation: The American Example (Yıldız Feyza AĞLARGÖZ)
- Sustainability In Air Logistics: A Broad Overview (Duygu AGHAZADEH, Arzu AKYÜZ)
- Investigation of Sustainability Practices in Airports within The Framework of Sustainable Aviation Activities: The Case of Turkey (Enes KARADAĞ, Selvi VURAL)
- Ensuring Competitive, Green and A Level Playing Field for Sustainable Air Transport: “Refueleu Aviation” (Halil ÇEÇEN)

16.15 – 16.30 Break

SESSION VIII: TECHNOLOGY

16.30-18.00

Session Chair: Assoc. Prof. Göknur Arzu AKYÜZ

- Importance of Testing and Analysis of Composite Materials Used in Aviation (Emre DURMUŞ, Mert ATAŞ, Selim Kutay PORTUKAL, Mustafa Şamil FUTTU, Reza AGHAZADEH)
- 3D Printer Selection for Additive Manufacturing Transformation in Aviation Industry: A MCDM Model (Billur ECER, Ahmet AKTAŞ)
- Solar Energy in Aviation: Opportunities and Challenges (Reza AGHAZADEH)
- The Impact of AS9100 in the Aviation and Defense Sectors: A Case Study on its Implementation in Turkey and an Analysis of Certification Challenges (Tuğba DANACI)

