

**UNIVERSITY OF HEALTH SCIENCES**

**DEPARTMENT OF AEROSPACE MEDICINE**

**TURKISH AEROSPACE MEDICINE 2018 CONGRESS**

**Bağlarbaşı Congress and Culture Center**

**Uskudar / Istanbul**

**TURKEY**

**26-28 OCTOBER 2018**

**Honorary Chair of Congress**

Prof. Cevdet ERDÖL, MD, Cardiologist,

Rector,

University of Health Sciences

**Chair of Congress**

Asst. Prof. Erdinc ERCAN, MD, Plt.,

Aerospace Medicine Specialist, AME,

Director,

Department of Aerospace Medicine,

University of Health Sciences

**Chair of the Scientific Committee**

Prof. Muzaffer ÇETİNGÜÇ, MD,

Psychiatrist, AME

Director,

Turkish Aerospace Medical Association

**Secretary of the Congress**

A. Engin DEMİR, MD,

Aerospace Medicine Specialist, AME,

Department of Aerospace Medicine,

University of Health Sciences

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| **Scientific Committee** | | |
| Dijan ERTEMİR, MD. | Vedia İLKKUTLU, MD | Uğur GÜLFİDANGİL |
| Psychiatrist, AME | AME, | Specialist |
| Turkish Airlines | Turkish Airlines | Department of Aerospace Medicine,  University of Health Sciences |

**Accomodation**

Mercure Istanbul Altunizade Hotel

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| **FATIGUE IN AVIATION (PANEL)**  **SCIENTIFIC PROGRAMME** | | |
| **26 October 2018** | | |
| **09.00-09.30** | | **Opening Ceremony and Speeches**  Bilal EKŞİ, Turkish Airlines, CEO  Bahri KESİCİ, Director of General, Directorate General of Civil Aviation  Prof. Cevdet ERDÖL, MD, Cardiologist, Rector, University of Health Sciences |
| **09.30-10.30** | | **1st Session, Chair:**  Prof. Ferşat KOLBAKIR, MD, Plt., Cardiovascular Surgeon, AME, Director, School of Civil Aviation, Ondokuz Mayıs University |
| **09.30-10.00** | | * **Fatigue in Aviation and Countermeasures**   Asst. Prof. Erdinç ERCAN, MD, Plt., AME, Aerospace Medicine Specialist, Director, Department of Aerospace Medicine, University of Health Sciences |
| **10.00-10.30** | | **Family Photo - Coffee break** |
| **10.30-12.00** | | **2nd Session, Chair:**  Prof. Hasan Fehmi TÖRE, MD, Plt, Cardiologist, AME, Medicana Bahçelievler Hospital |
| **10.30-11.10** | | * **Sleep Physiology and Sleep Hygiene,Obstructive Sleep Apnea Syndrome (OSAS**)   Prof. Hakan KAYNAK, MD, Neurologist |
| **11.10-11.50** | | * **Circadian Rhythm; Jet Lag and Shift Lag Syndromes**   Assoc. Prof. Ömer KARADAŞ, MD, Neurologist, Department of Neurology, University of Health Sciences |
| **11.50-12.00** | | **Discussion** |
| **12.00-12.40** | | **3rd Session, Chair:**  Asst. Prof. Erdinç ERCAN, MD, Plt., AME, Aerospace Medicine Specialist, Director, Department of Aerospace Medicine, University of Health Sciences |
| **12.00-12.30** | | * **Biomathematical Fatigue Modelling in Civil Aviation Fatigue Risk Management and Boeing Alertness Model (BAM)**   Tomas KLEMETS, Head of Scheduling Safety, Jeppesen |
| **12.30-12.40** | | **Discussion** |
| **12.40-14.00** | | **Lunch break** |
| **14.00-15.10** | **4th Session, Chair:**  Oğuzhan KABAKÇI, Director, Office of Flight Operations, Directorate General of Civil Aviation | |
| **14.00-14.20** | * **FTL and FRMS in Civil Aviation**   ICAO (Foreign Invitee) | |
| **14.20-14.40** | * **Flight Time Limitation (FTL) and Scientific Basis**   EASA (Foreign Invitee) | |
| **14.40-15.00** | * **Comparison of New and Previous FTLs**   Directorate General of Civil Aviation | |
| **15.00-15.10** | **Discussion** | |
| **15.10-15.30** | | **Coffee Break** |
| **15.30-16.10** | | **5 th Session, Chair**:  Capt. Mustafa AFACAN, Director, Corporate Safety, Turkish Airlines Inc. |
| **15.30-15.15** | | * **AirlinePractices in USA**   (Foreign Invitee) |
| **15.15-15.30** | | * **Airline Practices in Europe**   (Foreign Invitee) |
| **15.30-15.45** | | * **Airline Practices in Middle East**   (Foreign Invitee) |
| **15.45-16.00** | | * **Practices in Turkish Airlines**   Kıvanç DİNÇ, Supervisor, Human Factors at Turkish Airlines |
| **16.00-16.10** | | **Discussion** |
| **16.10-16.30** | | **Coffee Break** |
| **16.30-18.00** | | **6 th Session,Chair**:  Prof. Akın Savaş TOKLU, MD, AME, Department of Underwater and Hyperbaric Medicine, Istanbul University |
| **16.30-16.45** | | * **Opinions and Suggestions of The International Federation of Airline Pilots’ Associations (IFALPA)**   IFALPA (Foreign Invitee) |
| **16.45-17.00** | | * **Opinions and Suggestions of Turkish Airline Pilots Association (TALPA)**   Capt. Mehmet Ayhan GÜNAL, TALPA |
| **17.00-17.15** | | * **Opinions and Suggestions of Turkish Cabin Crew Members' Association (TASSA)**   Sabit COŞKUN, TASSA |
| **17.15-17.30** | | * **Opinions and Suggestions of Turkish Civil Aviation Union**   Atakan ÇOLAK, MD, Plt, Turkish Civil Aviation Union |
| **17.30-18.00** | | * **Discussion** |
| **CONGRESS SCIENTIFIC PROGRAMME** | | |
| **27 October 2018** | | |
| **09.00-10.45** | | **1st Session, Chair**:  Nazım ATA, MD, Aerospace Medicine Specialist, Turkish Air Force Aeromedical Research and Training Center |
| **09.00-09.25** | | * **SHT- MED APAM Instruction**   Kadir EREN, MD, AME, Directorate General of Civil Aviation |
| **09.25-09.50** | | * **Findings During EASA ICAO USOAP Standardization Inspection**   Gökhan ÇINAR, Assistant Specialist, Directorate General of Civil Aviation |
| **09.50-10.15** | | * **Safety Performance Indicators in Aviation Medicine**   Barış GÖKŞİN, Assistant Specialist, Directorate General of Civil Aviation |
| **10.15-10.40** | | * **Problems and Improvements Regarding Information Management System**   Tuğba ELVERİŞLİ, MD, AME, Directorate General of Civil Aviation |
| **10.40-10.45** | | * **Discussion** |
| **10.45-11.00** | | **Coffee Break** |
| **11.00-12.00** | | **2nd Session, Chair:**  Prof. Şamil AKTAŞ, MD, Department of Underwater and Hyperbaric Medicine, Istanbul University |
| **11.00-11.25** | | * **Exercise Physiology and Cognitive Functions in Aerospace Medicine**   M. Savaş İLBASMIŞ, MD, Aerospace Medicine Specialist, Turkish Air Force Aeromedical Research and Training Center |
| **11.25-11.50** | | * **Loss of Situational Awareness**   A. Engin DEMİR, MD, AME, Aerospace Medicine Specialist, University of Health Sciences, Department of Aerospace Medicine |
| **11.50-12.00** | | * **Discussion** |
| **12.00-13.00** | | **Lunch** |
| **13.00-14.30** | | **3rd Session, Chair:**  Prof. Muzaffer ÇETİNGÜÇ, MD, AME, Psychiatrist, Director, Turkish Aerospace Medical Association |
| **13.00-13.25** | | * **Theoretical Knowledge Training, 040 Human Performance and Limitations, Legislation**   Şebnem GÖKKUŞU, MD, AME, Lokman Hekim Ankara Hospital |
| **13.25-13.50** | | * **Operating Conditions of Air Traffic Controllers, Stress Management**   Mustafa MORKOYUN, MD, AME, General Directorate of State Airports Authority |
| **13.50-14.15** | | * **Analysis of Psychiatric Cases Encountered in Pilot Examinations**   Asst. Prof. Oya BOZKURT**,** MD, AME, Psychiatrist, Gaziosmanpasa Hospital |
| **14.15-14.40** | * **Psychological Incapacitation in Flight**   Asst. Prof. Adnan ÇOBAN, MD, Psychiatrist, Haliç University | |
| **14.40-14.50** | | * **Discussion** |
| **14.50-15.05** | | **Coffee Break** |
| **15.05-16.05** | | **4 th Session, Chair:**  Asst. Prof. Oya BOZKURT**,** MD, AME, Psychiatrist, Gaziosmanpasa Hospital |
| **15.05-15.30** | | * **Pilot Candidate Selection and Practices in Turkish Airlines**   Istanbul University Instıtute of Aviation Psychology |
| **15.30-15.55** | | * **Pilot Candidate Selection Tests and Their Usage in Practice**   Nihan KURNAZ, Turkish Aeronautical Association, Psychologist |
| **15.55-16.05** | | * **Discussion** |
| **16.05-17.00** | | **5 th Session, Chair:**  Prof. [Erdinç AYDIN](http://kongre.shgm.gov.tr/wp-content/uploads/2014/10/erdinc.jpg), MD, AME, Otolaryngologist, Department of Otorhinolaryngology, Başkent University |
|  | | * **Oral Presentations** |
| **17.00-19.00** | | **Moderator:**  **Asst. Prof. Erdinç ERCAN, MD, Plt., AME, Aerospace Medicine Specialist, Director, Department of Aerospace Medicine, University of Health Sciences** |
| **17.00-19.00** | | * **Aerospace Medicine Academic Competition** |
| **19.00-23.00** | | * **GALA DINNER** |
| **CONGRESS SCIENTIFIC PROGRAMME** | | |
| **28 October 2018** | | |
| **09.00-10.30** | | **1st Session, Chair:**  Assoc. Prof. Ömer KARADAŞ, MD, Neurologist, Department of Neurology, University of Health Sciences |
| **09.00-09.25** | | * **Psychomotor Regression in Elderly People, Neurocognitive Dysfunctions**   Zehra ÖZDİL ARIKAN, MD, Psychologist, Turkish Airlines |
| **09.25-09.50** | | * **Psychology and Performance of Female Pilots**   Assoc. Prof. Gökben HIZLI SAYAR, MD, Psychiatrist, Üsküdar University |
| **09.50-10.15** | | * **Pyschiatric Problems in Space, Pyschiatric Support**   Prof. Muzaffer ÇETİNGÜÇ, MD, AME, Psychiatrist, Director, Turkish Aerospace Medical Association |
| **10.15-10.30** | | * **Discussion** |
| **10.30-10.45** | | **Coffee Break** |
| **10.45-12.15** | | **2nd Session, Chair:**  Asst. Prof. Adnan ÇOBAN, MD, Psychiatrist, Haliç University |
| **10.45-11.10** | | * **Approach to Neurological Diseases in Aircrew**   Assoc. Prof. Abdullah ÖZKARDEŞ, MD, AME, Neurologist, Memorial Şişli Hospital |
| **11.10-11.35** | | * **Psychiatric manifestations of neurologic diseases**   Nilgün POLAT, MD, AME, Neurologist, Medical Park Antalya Hospital |
| **11.35-12.00** | | * **Approach to Neurological Diseases in Military Aviation**   Bilgin ÖZTÜRK, MD, Neurologist, Gülhane Training and Research Hospital |
| **12.00-12.15** | | * **Discussion** |
| **12.15-13.15** | | **Lunch** |
| **13.15-14.45** | | **3rd Session, Chair:**  Prof. Sarper KARAKÜÇÜK, MD, AME, Ophthalmologist, Anadolu Medical Center Gebze Hospital |
| **13.15-13.40** | | * **Psychology after Airplane Crush; Post-Traumatic Stress Disorder**   Asst. Prof. Taner ÖZNUR, MD, Psychiatrist, University of Health Sciences |
| **13.40-14.05** | | * **Family Support Teams**   Burcu YILDIZ, Psychologist, Turkish Airlines |
| **14.05-14.30** | | * **Psychiatric Drug Usage among Pilots and Flight Restrictions**   Dijan ERTEMİR, MD, AME, Psychiatrist, Turkish Airlines |
| **14.30-14.45** | | * **Discussion** |
| **14.45-15.00** | | **Closing Ceremony** |