ISIATM Poster Session

**Air Traffic Management Principle Based Development of an Airport Arrival Delay Prediction Model**
David Ison, Katherine Moran, Linda Weiland and Ian McAndrew

**A PHD Filter for Air Traffic Flow Intensity Estimation**
Tao Zhang, Zhe Zhang and Renbiao Wu

**The Uniform Model for Conflict Prediction and Airspace Safety Assessment for Free Flight: An Electromagnetic Approach**
Zhe Zhang, Tao Zhang, Xiaoliang Wang, Wanwei Wang and Renbiao Wu

**Air Traffic Flow Management Problem Under Weather Disruption**
Soumia Ichoua

**Ability requirements in ATM – from where do we come?**
Hinnerk Eissfeldt, Per Ekelof, Peter Maschke and Katja Knappe

**Customised information on adverse weather situations for aviation stakeholders**
Thomas Gerz, Caroline Forster, Arnold Tafferner and Felix Keis

**Fleet Prioritization a Concept Evaluation**
Carlos Castro and Todd Waller

**A Modified Simulated Annealing Optimisation Method Based on Discrete Model of SSR Surveillance Network Configuration and Deployment**
Jungai Tian

**Research of the risk management system based brain storming for air traffic control**
Geng Zengxian, Zhao Yifei, Meng Linghang and Han Hongrong

**The theory of planned behavior in civil aviation majors:a model for developing non-technical skills training of ATC, pilot and maintenance**
Du Xing, Qin Rui and Huang Yanxiao

**E-Learning Opportunities For Air Traffic Controllers**
Ersa Turhan and Ugur Turhan

**Back-to-the-future: Temporal zooming over 4D trajectories for effective air traffic control**
John Wise, K. Krishnan and Steve Kertesz

**A unified system for the optimization of the observation and measuring of tephra clouds**
George Bogdos and Dinos.Konstantinides

**Analysis of Critical States and Risks for Human Errors in Aviation**
Huibin Jin, Leping Yuan AND Qing Zhao