Conferences in Air Transport Operations (CATO)
5th International Air Transport and Operations Symposium (ATOS)
3rd International Conference on Interdisciplinary Science for Innovative Air Traffic Management (ISIATM)
6th Association of Scientific Development of ATM in Europe (ASDA) Seminar
AIAA International Meeting for Aircraft Product Support Processes (IMAPP)
22nd ISPE Concurrent Engineering Conference (CE2015)

Transdisciplinary Lifecycle Analysis of the Air Transport System

Faculty of Aerospace Engineering
Delft University of Technology,
Delft, The Netherlands

20-23 July 2015

Call for Abstracts
You are invited to submit an abstract on any of a range of topics covering air transport operations. Please submit your abstracts (not exceeding 400 words) before 30 January 2015 through the EasyChair system at the following location: https://easychair.org/conferences/?conf=cato2015

Abstract acceptance will be communicated before 4 March 2015.

Please make sure to include in your submission the following:
• Your contact details
• Title of the abstract
• Preference for conference track
• Name and affiliation of all (co-) authors
• Name and affiliation of the presenter

Full paper
After abstract acceptance, the authors will be invited to submit a full written paper. The submission deadline is 10 April 2015. Papers will be peer-reviewed and the final revised paper will be included in the ATOS conference proceedings. In addition, authors of excellent papers are invited to submit an augmented manuscript to the Journal of Aerospace Operations (published by IOS Press): the world’s first journal dedicated to the domain of aerospace operations.

Oral presentations
Oral paper presentations take place in chaired sessions and are 25 minutes in length including questions and answering time.

A no-paper-no-podium policy is applied.

Conferences in Air Transport Operations
The Conferences in Air Transport Operations (CATO) will include the 5th Air Transport & Operations Symposium (ATOS), the 3rd International Conference on Interdisciplinary Science for Innovative Air Traffic Management (ISIATM), the 6th Association of Scientific Development of ATM in Europe (ASDA) Seminar, the AIAA International Meeting for Aircraft Product Support Processes (IMAPP), and the 22nd ISPE Concurrent Engineering Conference.

The symposium will be organized and hosted by the Faculty of Aerospace Engineering of the Delft University of Technology, in Delft, The Netherlands.

Abstract submission
30 January 2015

Author notification
4 March 2015

Full paper submission
10 April 2015

Full paper notification
10 May 2015

Final paper submission
29 May 2015
Papers are welcomed in the field of air transport on topic areas including:

**Capacity & Efficiency**
- Optimization of processes
- Collaborative Decision Making (CDM)
- Airport congestion, capacity management and ATM
- Human Machine Interface
- Small and regional airport development
- Congestion problems at major airports
- System modeling & integration methodologies
- Traffic flow management

**Environment**
- Air transport noise
- Emission Trading Scheme & CO₂-management
- Sustainable innovation and enterprise
- Local air quality

**Safety & Security**
- Human machine interface
- Collision avoidance
- Certification and failure modes
- Emerging technologies
- Software reliability
- Third party risk
- Unmanned aerial vehicles
- Pro-active safety management systems
- Safety as a strategic value in decision making
- Safety investigation methodology
- Resilience engineering
- Forensic engineering
- Aviation security

**Cost & Benefit**
- Revenue Management
- Value Engineering
- Supply Chain Management
- Lean process assessment
- Innovative business models, business trajectories and e-business
- Seamless travel (passengers, cargo, baggage)

**Sustainment**
- Sustainable operations of airlines and airports
- Material/parts requirement planning
- Maintenance management & location planning
- Knowledge management
- SESAR / NEXTGEN

**Service Support & Life Cycle Analysis**
- No-Fault-Found (NFF)
- End-of-life services
- Special Purpose Aircraft (SPA)
- Aircraft refurbishment/retrofit
- Maintenance of new materials
- Reliability, Availability, Maintainability, Supportability (RAMS)
- Forecasting maintenance
- Maintenance scheduling optimization
- Contextualized documentation

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