

**Monday, 27 May 2019**

**Parallel session 1 - Innovations in airport operations**

**Chair: Olivier Mongenie – Airports Programme Manager, SESAR JU**

Runway condition code prediction with gradient boosted trees -  
Wojciech Rosinski, University of Warsaw representing SESAR PJ.03b SAFE

**16:30 – 18:00**

Runway capacity increase using machine learning models - Krzysztof  
Rutkowski, University of Warsaw representing SESAR PJ.02 EARTH

Assessment of human performance in multiple remote tower operations  
- Anneke Hamann, DLR representing SESAR PJ.05 Remote Towers

**Tuesday, 28 May 2019**

**Parallel session 2 - Innovations in air traffic services**

**Chair: Oznur Uygur – Programme Manager, SESAR JU**

Towards virtualisation in air traffic management - Thomas Buchanan,  
Skyguide and Maurizio Romano, Technosky, representing SESAR PJ.16  
CWP HMI

**09:30 – 11:00**

Cross-border Free Routing in very high complexity environments -  
Florence Serdot-Omer, DSNA representing SESAR PJ.06 ToBeFREE

Demonstrating GNSS navigation solutions for increased general aviation  
and rotorcraft airport accessibility – Antonio Vitale, Centro Italiano  
Ricerche Aerospaziali (CIRA) representing SESAR GRADE large scale  
demonstration

**Tuesday, 28 May 2019**

**Parallel session 3 - Optimised ATM network services**

**Chair: Oznur Uygur – Programme Manager, SESAR JU**

Integrating social aspects in an agent based model of Air Traffic  
Management system - Domenico Pascarella, Centro Italiano Ricerche  
Aerospaziali (CIRA) representing SESAR exploratory research project  
EVOAtm

**17:00 – 18:30**

Dynamic airspace configuration - Giuseppe Murgese, Eurocontrol  
representing SESAR PJ.08 AAM

Airspace users preferences and demand capacity balancing - Gérard  
Mavoian, Eurocontrol representing SESAR projects PJ.07/PJ.09

Wednesday, 29 May 2019

**Parallel session 4 - Enabling aviation infrastructure**

**Chair: Paul Dunkley – Programme Manager, SESAR JU**

Europe's future communications infrastructure with L-band digital aeronautical communication System (LDACS) as the future terrestrial datalink, [Christoph Rihacek, Frequentis representing SESAR project PJ.14](#)

**09:30 – 11:00**

Ground-based augmentation systems (GBAS) Cat II/III – [Hugo Moen , Indra, representing SESAR project PJ.14](#)

Composite surveillance, [Miguel Muñoz Martínez, Indra](#)

GNSS navigation threats management on-board of aircraft, [Elena Simona Lohan, Tampere University representing the GATEMAN project](#)

Wednesday, 29 May 2019

**Parallel session 5 - Urban air mobility**

**Chair: Ludovic Legros – U-space Programme Manager, SESAR JU**

**Co-chair: Anreas Wiesinger - Research Policy Officer, European Commission**

Concept of operations for drone air traffic management, [Cristina Barrado, Universitat Politecnica de Catalunya representing the CORUS project](#)

**14:00 – 15:30**

Geofencing solutions state of the art, [Arthur Moussiere, Thales Group representing the GEOSAFE project](#)

Micro-service based architecture for an U-space integrated flight planning management, [Hugo Eduardo Teomitzi, Technical University Darmstadt representing IMPETUS](#)

Gulf of Finland drone demonstrations – Drones SWIM –[Thomas Lutz, Frequentis representing the GOF project](#)