

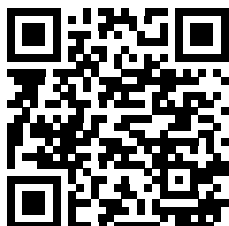


# 9<sup>th</sup> SESAR Innovation Days

2-5 December 2019  
Athens, Greece



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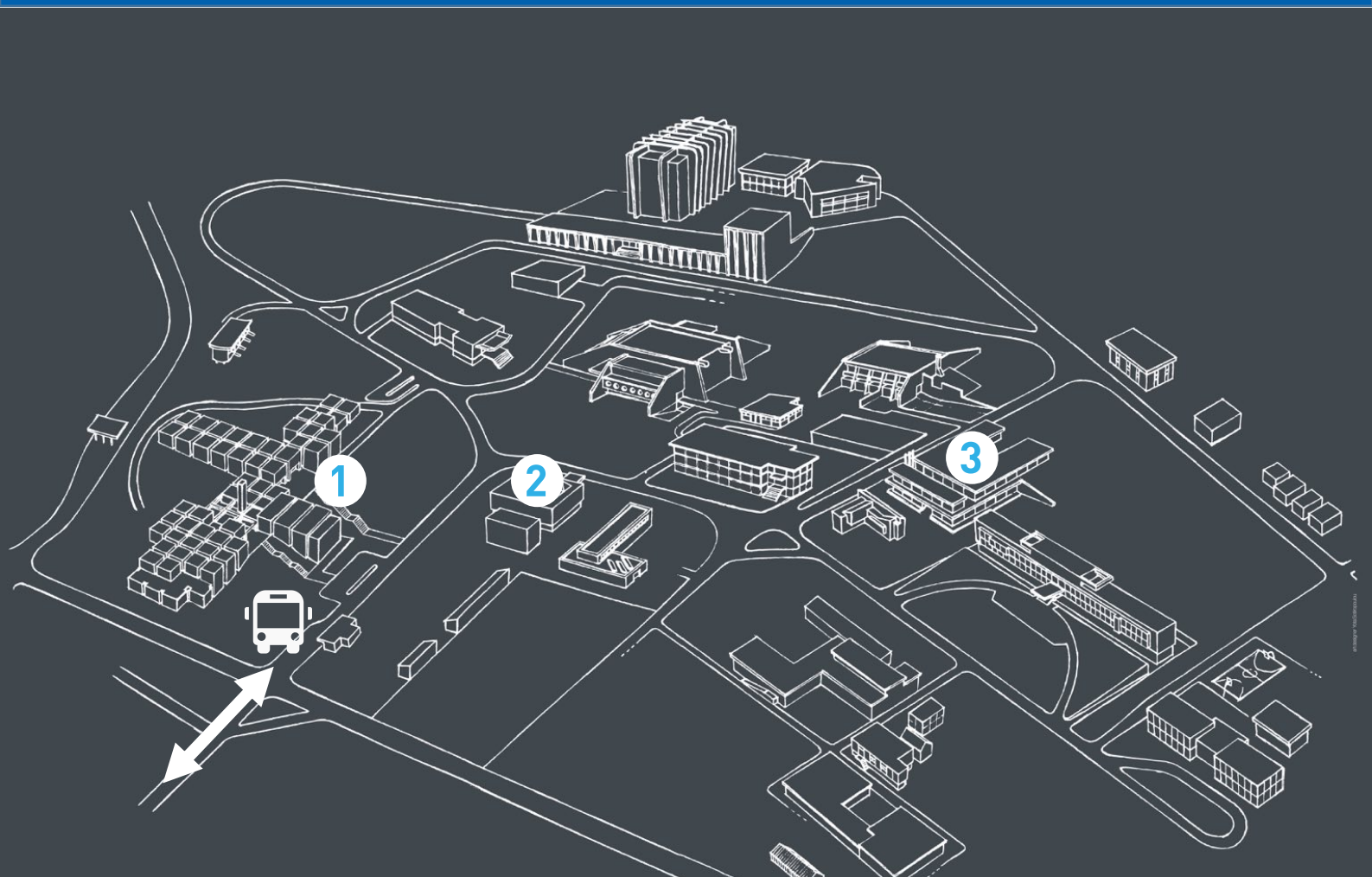
or [https://whova.com/portal/sid\\_201912/](https://whova.com/portal/sid_201912/)

**Call a cab:** Radiotaxi Ikaros - (+30) 210 515 2800

## Shuttles

| Monday, 2 December    |                  |                         |
|-----------------------|------------------|-------------------------|
| 19:00                 | Demokritos       | <i>President Hotel</i>  |
| Tuesday, 3 December   |                  |                         |
| 08:30                 | President Hotel  | <i>Demokritos</i>       |
| 18:30                 | Demokritos       | <i>President Hotel</i>  |
| 19:00                 | Demokritos       | <i>President Hotel</i>  |
| Wednesday, 4 December |                  |                         |
| 08:15                 | President Hotel  | <i>Demokritos</i>       |
| 16:00                 | Demokritos       | <i>President Hotel</i>  |
| 16:30                 | Demokritos       | <i>President Hotel</i>  |
| 17:00                 | Demokritos       | <i>President Hotel</i>  |
| 18:15                 | President Hotel  | <i>Stavros Niarchos</i> |
| 23:00                 | Stavros Niarchos | <i>President Hotel</i>  |
| 23:30                 | Stavros Niarchos | <i>President Hotel</i>  |
| Thursday, 5 December  |                  |                         |
| 08:15                 | President Hotel  | <i>Demokritos</i>       |

founding members



***National Centre of Scientific Research "Demokritos"***  
*Neapoleos 10 Ag. Paraskevi 153 10*  
*Athens*

| Building 1      | Building 2 | Building 3          |
|-----------------|------------|---------------------|
| Foyer           | Library    | Main lecture room   |
| Auditorium      |            | Aegean lecture room |
| Conference room |            |                     |

WiFi SSI: **NCSR**D Password: **ncsrdemo**

# PROGRAMME IN A NUTSHELL

| DURATION              | EVENT/MEETING                          | ROOMS                        |
|-----------------------|----------------------------------------|------------------------------|
| Monday, 2 December    |                                        |                              |
| 08:30                 | Welcome coffee                         | Foyer                        |
| 09:30 - 16:30         | Engage Thematic Challenge 2 Workshop   | Conference room              |
| 10:00 - 16:30         | COTTON Workshop                        | Auditorium                   |
| 12:30 - 13:30         | Lunch                                  | Foyer                        |
| 14:30 - 16:30         | Registration                           | Foyer                        |
| 16:30 - 19:00         | Opening ceremony and poster exhibition | Library                      |
| Tuesday, 3 December   |                                        |                              |
| 09:00 - 09:30         | Registration and welcome coffee        | Foyer                        |
| 09:30 - 10:30         | Plenary session                        | Auditorium                   |
| 10:30 - 11:00         | Coffee and exhibition                  | Library                      |
| 11:00 - 13:00         | Technical papers session (4 papers)    | Auditorium & conference room |
| 13:00 - 14:00         | Lunch and exhibition                   | Library                      |
| 14:00 - 15:00         | Plenary session 1                      | Auditorium                   |
| 14:00 - 18:00         | Bit Steering Committee                 | Main lecture room            |
| 15:00 - 17:00         | Technical papers session (3 papers)    | Auditorium & conference room |
| 17:00 - 19:00         | Poster exhibition and cocktail         | Library                      |
| Wednesday, 4 December |                                        |                              |
| 08:30 - 09:00         | Registration and welcome coffee        | Foyer                        |
| 09:00 - 11:00         | Technical papers session (4 papers)    | Auditorium & conference room |
| 11:00 - 11:30         | Artistic Interlude                     | Auditorium                   |
| 11:30 - 12:00         | Coffee and exhibition                  | Library                      |
| 12:00 - 13:00         | Plenary session 2                      | Auditorium                   |
| 13:00 - 14:00         | Poster exhibition and lunch            | Library                      |
| 14:00 - 16:00         | Technical papers session (4 papers)    | Auditorium & conference room |
| 19:00 - 23:00         | Networking event                       | Stavros Niarchos             |
| 09:00 - 17:00         | PC meeting                             | Main lecture room            |

founding members

## Thursday, 5 December

|               |                                         |                              |
|---------------|-----------------------------------------|------------------------------|
| 08:30 - 09:00 | Registration and welcome coffee         | Foyer                        |
| 09:00 - 10:00 | Technical papers session (2 papers)     | Auditorium & conference room |
| 10:00 - 10:30 | Coffee and exhibition                   | Library                      |
| 10:30 - 11:30 | Technical papers session (2 papers)     | Auditorium & conference room |
| 11:30 - 12:00 | SESAR Knowledge Transfer Network        |                              |
| 12:00 - 12:45 | Young Scientist Award                   | Auditorium                   |
| 13:00         | Wrap-up and next next SIDS              | Auditorium                   |
| 13:00 - 14:00 | Lunch and exhibition                    | Library                      |
| 09:00 - 18:00 | Professional Staff Organisation meeting | Main lecture room            |
| 09:00 - 18:00 | ACI meeting                             | Aegean lecture room          |
| 14:00 - 18:00 | ASDA meeting                            | Conference room              |

## Friday, 6 December

|               |                                       |                 |
|---------------|---------------------------------------|-----------------|
| 08:30 - 09:00 | Registration and welcome coffee       | Foyer           |
| 09:00 - 14:00 | SESAR JU Scientific Committee meeting | Conference room |

## PHOTOGRAPHY

Please note that pictures will be taken throughout the event for the purposes of communications. To comply with data protection, a designated **no photography** area will be indicated in the rooms in which the panels and paper sessions are held.

## PROGRAMME

### Monday, 2 December

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 09:30 – 16:30 | <p><b>Engage Thematic Challenge 2 Workshop – Data-driven Trajectory Prediction</b></p> <p>The second data-driven trajectory prediction workshop organised by the Engage KTN will build on the success of the first workshop, hosted by the Universitat Politècnica de Catalunya, where ATM stakeholders and data scientists discussed the methodologies and benefits of improved trajectory prediction in the context of airspace users' needs. The second workshop will present research being undertaken within the Engage KTN (PhDs and catalyst-funded projects), with a focus on advanced methodologies such as adaptive prediction, agent-based deconfliction, and machine learning, with a facilitated session to debate the ways forward.</p> | <i>Conference room</i> |
| 10:00 – 16:30 | <p><b>COTTON workshop</b></p> <p>COTTON builds an integrated view of future Capacity Management (CM) processes by exploring how complexity assessment can help Dynamic Airspace Configuration (DAC) and Flight Centric ATC (FCA) and their integration, taking advantage of the trajectory information. COTTON Final Workshop aims at disseminating its results with the ultimate goal of facilitating their proper integration within the future DCB processes.</p>                                                                                                                                                                                                                                                                                  | <i>Auditorium</i>      |
| 14:30 – 16:30 | Registration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <i>Foyer</i>           |
| 16:30 – 19:00 | <p><b>Official opening ceremony and networking cocktail – poster exhibition</b></p> <p>Peter Hotham, Deputy Executive Director, SESAR Joint Undertaking<br/><i>(Master of ceremonies)</i></p> <p>Prof. Aggelos Kotios, Rector of the University of Piraeus</p> <p>Dr. George Nounesis, Research Director, Head of Innovation, NCSR "Demokritos"</p> <p>Dr Kostas Iatrou, Director General, Hermes – Air Transport Organisation</p>                                                                                                                                                                                                                                                                                                                    | <i>Library</i>         |

## Tuesday, 3 December

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00 – 09:30 | Registration and welcome coffee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Foyer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 09:30 – 10:30 | <b>Opening</b><br>Dean Prof. Yannis Theodoridis, The University of Piraeus School of Information and Communication Technologies<br><br><b>Keynote</b><br>Konstantinos Lintzerakos, Governor of the Hellenic Civil Aviation Authority<br><br><b>Overview of conference proceedings</b><br>David Bowen, Chief ATM, SESAR Joint Undertaking ( <i>Master of ceremonies</i> )<br>Dirk Schaefer, EUROCONTROL, Chair, SIDs Programme Committee                                                                                                                                                                                                                                                   | Auditorium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 10:30 – 11:00 | Coffee & exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Library                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 11:00 – 13:00 | <b>Airports I Technical Paper Session</b><br>Chair: Dirk Schaefer, EUROCONTROL<br><i>Auditorium</i><br><br><b>Evaluation of Departure Pushback Time Assignment Considering Uncertainty Using Real Operational Data</b><br>Ryota Mori, ENRI<br><br><b>Validating LiDAR Sensor Surveillance Technology versus conventional Out-the-Window View for Safety-critical Airport Operations</b><br>Hannes Brassel, TU Dresden<br><br><b>A LIDAR Interactive Data Visualization for Ground Aircraft Detection in Small Airports</b><br>Mathieu Cousy, ENAC<br><br><b>A-CDM Lite: Situation Awareness and Decision-making for small Airports based on ADS-B Data</b><br>Michael Schultz, TU Dresden | <b>Network and Flow Management Technical Paper Session</b><br>Chair: Radosav Jovanovic, University of Belgrade<br><i>Conference room</i><br><br><b>Analysis of Relationship between Air Traffic Demand, Safety and Complexity in FABEC Airspace</b><br>Fedja Netjasov, University of Belgrade<br><br><b>An Innovative Safety-neutral Slot Overloading Technique to improve Airspace Capacity Utilisation</b><br>Sergio Ruiz, EUROCONTROL<br><br><b>Integrated Traffic Flow Based Optimization of Airport and Terminal Area</b><br>Ying Huo, ENAC<br><br><b>Reducing Impact of Delays using Airspace User-Driven Flight Prioritisation</b><br>Nadine Pilon, EUROCONTROL |

13:00 – 14:00

**Lunch and exhibition**

*Library*

14:00 – 15:00

## Plenary session 1: Automation

Introducing advanced levels of automation into the ATM system offers benefits but also brings with it certain risks and questions that must be addressed. Change management is a critical part of the process of this introduction where the evolving role of the human in particular has to be considered. Increased dependency on automation along with connectivity between systems emphasises the issue of cyber security. This panel will discuss the positive steps the ATM community needs to take to ensure the smooth adoption of advanced automation in the future.

### Speakers

Moderator: David Bowen, Chief ATM, SESAR Joint Undertaking  
Ignacio Baca, Executive Vice President Technical, IFATCA  
Dimitra Liveri, Network and Information Security Expert Secure Infrastructures and Services Unit, ENISA  
Theodore Kiritsis, Vice-President, IFATSEA  
Vaios Lappas, University of Patras, EuroDRONE

*Auditorium*

15:00 – 16:30

## Airports II

### Technical Paper Session

Chair: Marc Bourgois, EUROCONTROL  
*Auditorium*

**Encoder-Decoder Approach to Predict Airport Operational Runway Configuration**  
Ramon Dalmau, EUROCONTROL

**Innovative and Low-cost Technique to identify Airport Taxi Congestion Points**  
Alan Groskreutz, CRIDA

**Validation of the Runway Utilisation Concept at Vienna Airport**  
Floris Herrema, EUROCONTROL

## Complexity, Data Science and Data Sources

### Technical Paper Session

Chair: George Vouros, University of Piraeus  
*Conference room*

**Door-to-door Travel Time Analysis from Paris to London and Amsterdam using Uber Data**  
Philippe Monmousseau, ENAC

**Network-wide Assessment of 4D Trajectory Adjustments using an Agent-based Model**  
Gérald Gurtner, University of Westminster

**Enhanced Passenger Characterisation through the Fusion of Mobile Phone Records and Airport Surveys**  
Pedro García, Nommon

16:30 – 17:00

**Poster teaser session**

17:00 – 19:00

**Posters and exhibition, Cocktail**

*Library*

## Wednesday, 4 December

|               |                                                                                                                                                                                              |                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 09:00 | Registration and welcome coffee                                                                                                                                                              | Foyer                                                                                                                                            |
| 09:00 – 11:00 | <b>Human Factors</b><br><b>Technical Paper Session</b><br>Chair: Francesca De Crescenzo,<br>University of<br>Bologna<br>Auditorium                                                           | <b>Modelling, Simulation and Performance</b><br><b>Analysis</b><br><b>Technical Paper Session</b><br>Chair: Dirk Kuegler, DLR<br>Conference room |
|               | <b>A Quantum-Inspired Model for Human-Automation Trust in Air Traffic Control derived from Functional Magnetic Resonance Imaging</b><br>Kiranraj Pushparaj, Nanyang Technological University | <b>Trajectory Approach Analysis: a post-operational aircraft approach analysis tool</b><br>Gabriel Jarry, ENAC                                   |
|               | <b>Please have a Look here: Successful Guidance of Air Traffic Controller's Attention</b><br>Oliver Ohneiser, DLR                                                                            | <b>Reconstructing Aircraft Turn Manoeuvres for Trajectory Analyses using ADS-B Data</b><br>Junzi Sun, TU Delft                                   |
|               | <b>Visual Scan Patterns in Tower Control: Foundations for an Instructor Support Tool</b><br>Carl Westin, Linköping University                                                                | <b>The New Flight Efficiency Performance Approach: Partitioned Efficiency Index</b><br>Antonio Lazarovski, ATOS                                  |
|               | <b>Feasibility Study of Flight Centric Mode of Operations - A Human Performance Approach</b><br>Fanni Kling, HungaroControl                                                                  | <b>Towards Reproducibility in ANS Performance</b><br>Enrico Spinielli, EUROCONTROL                                                               |
|               |                                                                                                                                                                                              |                                                                                                                                                  |
| 11:00 – 11:30 | Coffee and exhibition                                                                                                                                                                        | Library                                                                                                                                          |
| 11:30 – 12:00 | Artistic Interlude                                                                                                                                                                           | Auditorium                                                                                                                                       |

## Plenary session 2: Global research collaboration and championing young talent in aviation

Innovation and environment were high on the agenda of the 40th ICAO Assembly that took place in Montreal recently. What are the key priorities globally in Aviation and ATM, how do we manage to keep pace with coming technology advances while ensuring global interoperability and meeting expectations of even higher levels of performance? What are the implications for global research and development collaboration? The panel will also consider how international research collaboration can provide new opportunities for young researchers.

12:00 – 13:00

*Auditorium*

### Speakers

Moderator: David Bowen, Chief ATM, SESAR Joint Undertaking  
Tatjana Bolic, Postdoctoral fellow at University of Trieste, and Aviation Director at Symopt S.r.l.  
Saulo Da Silva, Chief Global Interoperable Systems Section, ICAO  
Vu Duong, Director - ATM Research Institute, Nanyang Technological University, Singapore  
Parimal Kopardekar, Director, NASA Aeronautics Research Institute (NARI)

13:00 – 14:00 Lunch and exhibition

*Library*

14:00 – 16:00

### Machine Learning

#### Technical Paper Sessions

Chair: Daniel Delahaye, ENAC  
*Auditorium*

#### Improving the Predictability of Take-off Times with Machine Learning

Ramon Dalmau, EUROCONTROL

#### Flight Data Monitoring (FDM) Unknown Hazards detection during Approach Phase using Clustering Techniques and AutoEncoders

Antonio Fernández, Innaxis

#### Simulation-Free Runway Balancing Optimization Under Uncertainty Using Neural Network

Ryota Mori, ENRI

#### Forecasting Unstable Approaches with Boosting Frameworks and LSTM Networks

Darío Martínez, Innaxis

### Decision Support Tools

#### Technical Paper Sessions

Chair: Fedja Netjasov, University of Belgrade  
*Conference room*

#### Supporting ATCOs During Sector Configuration Changes in Dynamic Air Space Configuration

Amela Karahasanovic, SINTEF

#### GRADE Practice for Designing Pilot's HMI and Experimental Procedures for General Aviation Enhanced Terminal Operations Based on GNSS

Edoardo Filippone, CIRA, Antonio Vitale, CIRA, and Gabriella Duca, ISSSNOVA

#### Reducing Controller Workload by Automatic Speech Recognition Assisted Radar Label Maintenance

Hartmut Helmke, DLR

#### Tower Controller Command Prediction for Future Speech Recognition Applications

Oliver Ohneiser, DLR

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**19:00 – 23:00**   **Networking event** (more details on page 15)

*Stavros  
Niarchos*

**09:00 – 17:00**   **Programme Committee meeting**

*Main lecture  
room*

## Thursday, 5 December

**08:30 – 09:00**      **Welcome coffee**      *Foyer*

|                      |                                                                                                                                                                                        |                                                                                                                                                 |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00 – 10:00</b> | <b>ATM Architecture and Airspace Design<br/>Technical Paper Session</b><br>Chair: Rita Markovits, HungaroControl<br><i>Auditorium</i>                                                  | <b>Conflict Detection and Resolution<br/>Technical Paper Session</b><br>Chair: Xavier Fron, EUROCONTROL<br><i>Conference room</i>               |
|                      | <b>An Assessment of the Safety and<br/>Complexity of the Innovative Design of<br/>Istanbul's New TMA</b><br>Arife Aycan Mutlu, DHMI                                                    | <b>Analysis of Conflict Resolution Methods for<br/>Manned and Unmanned Aviation Using Fast-<br/>Time Simulations</b><br>Marta Ribeiro, TU Delft |
|                      | <b>Impact of Free Route Airspace<br/>Implementation on Safety Performance -<br/>Ex-post Analysis of Northern Europe Free<br/>Route Airspace (NEFRA)</b><br>Goran Pavlovic, EUROCONTROL | <b>Strategies to Mitigate Tight Spatial Bounds<br/>between Conflicts in dense Traffic Situations</b><br>Thimjo Koca, UA Barcelona               |

**10:00 – 10:30**      **Coffee and exhibition**      *Library*

|                      |                                                                                                                                           |                                                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10:30 – 11:30</b> | <b>UAS and UTM<br/>Technical Paper Session</b><br>Chair: Peter Hecker, TU Braunschweig<br><i>Auditorium</i>                               | <b>Meteorology Technical Paper Session</b><br>Chair: Damian Rivas, University of Seville<br><i>Conference room</i>                                                                    |
|                      | <b>Noise Abatement Trajectories for a UAV<br/>Delivery Fleet</b><br>Geoffrey Scozzaro, ENAC                                               | <b>Metaheuristic approach to probabilistic aircraft<br/>conflict detection and resolution considering<br/>Ensemble Prediction Systems</b><br>Eulalia Hernández, University of Seville |
|                      | <b>EGNOS-based Navigation and Surveillance<br/>System to support the Approval of RPAS<br/>Operations</b><br>Francisco Alarcon, FADA-CATEC | <b>Data Driven Occupancy Prediction in Adverse<br/>Weather Conditions using Thunderstorm and<br/>Traffic Observations</b><br>Aniel Jardines, University Carlos III Madrid             |

|               |                                                                                                                          |                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 11:30 – 12:00 | <b>SESAR Knowledge Transfer Network – Engage</b><br>Andrew Cook, University of Westminster                               | <i>Auditorium</i>        |
| 12:00 – 12:45 | <b>Young Scientist Award ceremony</b><br>David Bowen, Chief ATM, SESAR Joint Undertaking ( <i>Master of ceremonies</i> ) | <i>Auditorium</i>        |
| 12:45 – 13:00 | <b>Wrap-up and next SESAR Innovation Days</b><br>Florian Guillermet, Executive Director SESAR Joint Undertaking          | <i>Auditorium</i>        |
| 13:00 – 14:00 | <b>Lunch and exhibition</b>                                                                                              | <i>Library</i>           |
| 09:00 – 17:00 | <b>Professional Staff Organisation meeting</b>                                                                           | <i>Main lecture room</i> |

## Friday, 6 December

|               |                                                             |                        |
|---------------|-------------------------------------------------------------|------------------------|
| 09:00 – 14:00 | <b>SESAR Joint Undertaking Scientific Committee meeting</b> | <i>Conference room</i> |
|---------------|-------------------------------------------------------------|------------------------|

## Poster exhibition

| Title                                                                                                                                 | Authors                                         | Organisation                   |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|
| CCTV-based airside movement detection and tracking - System architecture and performance evaluation at Carcassonne airport (LFMK)     | Quentin Crombé                                  | ALTYS                          |
| Operational alert Products for ATM via SWIM (OPAS): focus on SO2 layer height from satellite sensors                                  | Hugues Brenot; Jeroen van Gent                  | BIRA-IASB                      |
| Innovative complexity assessment to support future Capacity Management processes in TBO                                               | Eva María Puntero Parla                         | CRIDA                          |
| A data visualization tool to support strategic flight planning                                                                        | Giuseppe Frau                                   | Deep Blue                      |
| SESAR SAFE Project and Exploratory Research                                                                                           | Nicolas Leon                                    | DSNA                           |
| Data-driven Conflict Detection Enhancement in Closest Point of Approach Problem                                                       | Zhengyi Wang                                    | ENAC                           |
| ATCOSIMA PROJECT: Integrated ATC Radar-Flight Deck Simulations for the Assessment of ATCo Trainees                                    | Cem Cetek                                       | Eskisehir Technical University |
| Flexibility for Airspace Users in the ATM collaborative Framework to reduce impact of delays                                          | Nadine Pilon                                    | EUROCONTROL                    |
| SlotMachine - A Privacy-Preserving Marketplace for Slot Management                                                                    | Eduard Gringinger                               | Frequentis                     |
| GAINS, General Aviation Improved Navigation and Surveillance                                                                          | Philip Church; Andreia Simoes                   | Helios                         |
| Emphasis, Enhanced GA Safety: Affordable CNS functions for low airspace                                                               | Petr Casek                                      | Honeywell                      |
| Dynamic Conflict Avoidance: A step forward autonomous air traffic generation                                                          | Augustin Degas                                  | IRIT                           |
| Information Visualization Dashboard Concept for Unified Air Traffic Management                                                        | Jimmy Johansson                                 | Linköping University           |
| Virtual Reality (VR) for RTC supervisors                                                                                              | Per Larsson                                     | Linköpings Universitet         |
| MET enhanced ATFCM                                                                                                                    | Kamel Rebaï                                     | MetSafe                        |
| Machine Learning Techniques for Seamless Traffic Demand Prediction                                                                    | Manuel Mateos                                   | Nommon                         |
| Future UDPP Concepts through Computational Behavioural Economics                                                                      | David Mocholí González                          | Nommon                         |
| Ensuring ATM Cyber Security by Applying SecRAM                                                                                        | Karin Bernsmed                                  | SINTEF                         |
| A Blockchain application in U-space                                                                                                   | Yannick Seprey, Aurelie Peaud                   | Sopra Steria                   |
| PATHFINDER Improvement : Using Machine Learning & Data Science to improve routes proposed to Airline Operators by the Network Manager | Arcady Rantrua; Aurelie Peaud; Meriem Oubelkass | Sopra Steria                   |
| Probabilistic Weather Avoidance Routes for Medium-Term Storm Avoidance                                                                | Antonio Franco                                  | University of Seville          |

founding members

## NETWORKING DINNER - WEDNESDAY 4 DECEMBER

### Stavros Niarchos Foundation Cultural Centre

Leof. Andrea Siggrou 364, Kallithea 176 74, Greece

**19:00 – 19:30**

**Welcome drink**

**19:30 – 20:00**

#### **Toast by Digital Sky Challenge organisers:**

Florian Guillermet, Executive Director, SESAR Joint Undertaking (*Master of ceremonies*)

Olivier Jankovec, Director General, ACI EUROPE

Dr Yiannis Paraschis, CEO Athens International Airport

**20:00 – 21:00**

**Dinner**

#### **Digital Sky Challenge awards ceremony**

Florian Guillermet, Executive Director, SESAR Joint Undertaking - *Master of the ceremonies*

**Digital Sky Challenge recap video – the best moments of the event**

#### **Passenger Experience**

Olivier Jankovec, Director General, ACI EUROPE and Dr Yiannis Paraschis, CEO Athens International Airport

#### **Safety**

Marco De Sciscio, Policy Officer, Directorate-General for Mobility and Transport (DG MOVE)

#### **Environment**

Philippe Merlo, Director DECMA, EUROCONTROL

#### **Special recognition**

Rostislav Barina, Senior Technical Manager, Honeywell

Dr. Clément Bouttier, Digital Transformation Office - Trajectory Optimization Team Leader, Airbus

Paula Lopez, Programme Director, Innaxis

**Group photo**

**21:30 – 23:00**

**Networking drink**

founding members













[www.sesarju.eu](http://www.sesarju.eu)

#SIDS19  
#DigitalSkyChallenge



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