

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

28-30 November 2017  
hosted by University of Belgrade,  
Belgrade, Serbia



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Inspiring long-term research  
in the field of Air Traffic Management

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## About the SESAR Innovation Days

The SESAR Innovation Days (SIDs) are the main vehicle for SESAR Joint Undertaking to share progress and disseminate results of its exploratory research programme. Unlike other scientific events in Air Traffic Management (ATM) research, the SESAR Innovation Days focuses explicitly on long-term and innovative research. Now in its seventh year, the SESAR Innovation Days have become a landmark event in the European aviation research calendar.

Hosted by University of Belgrade, Serbia, from 28 – 30 November 2017, the event will showcase results from the SJU Exploratory Research programme. The SIDs are based on an open call soliciting contributions from ATM research; exhibitions and poster, keynotes and a networking event will provide further opportunities to learn about interesting projects and meet like-minded researchers.

## Call for Contributions

Researchers from universities, research institutions, airlines, air traffic service providers and industry are invited to submit papers (up to 8 pages) presenting the results of their long-term or innovative research within the areas of interest listed below. Papers will be evaluated based on the innovative nature of the ideas, as well as the approach and methods applied.

Areas of interest include:

- Safety and security in a highly automated environment
- Automation, robotics and autonomy
- Human factors and decision support tools
- Designing resilient ATM systems
- Uncertainty, applied modelling and optimization techniques
- Communications, navigation and surveillance (CNS) technical enablers
- Complexity, data science and information management
- Application of economics to facilitate a paradigm shift in ATM
- Enabling change, including legal and regulatory aspects and the ATM innovation process
- Innovative approaches in environment and meteorology
- Remotely-piloted aerial systems
- ATM operations, architecture and performance
- Optimised ATM network management
- High performing airport operations
- Advanced air traffic services

All papers will be peer-reviewed to ensure that high standards are maintained. The proceedings will be available for download in electronic form on the event website prior to the event. All SIDs papers are listed in Elsevier's Scopus database



**Paper submission deadline: 23 September 2017**  
**Notification of acceptance: 1 November 2017**

## Call for posters and exhibits

Partners from academia and industry are invited to submit proposals for posters (max 2 posters per subject) and technical exhibits or demonstrations. As well as showing innovative solutions to traditional problems of air traffic management, posters and exhibits may also address wider air transport and air traffic issues. Proposals of one page shall be submitted with a detailed description of the subject matter.



**Poster/exhibits submission deadline: 30 October 2017**  
**Notification of acceptance: 1 November 2017**

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Dirk Schaefer – EUROCONTROL

### Local Organisation Chair

Radosav Jovanovic – University of Belgrade

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### Workshop Secretary

Martina Jurgens – EUROCONTROL

### Location

Division of Airports and Air Traffic Safety  
Faculty of Transport and Traffic Engineering  
University of Belgrade  
Vojvode Stepe 305  
11000 Belgrade, Serbia

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