



Advanced Air Mobility

Guest Editors:

Prof. Dr. Gokhan Inalhan

The Sloane Institute, London
W1W 5PF, UK

Dr. Yan Xu

School of Aerospace, Transport
and Manufacturing, Cranfield
University, Cranfield MK43 0AL,
UK

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

The seamless integration of unmanned traffic management (UTM) and air traffic management (ATM) is critical to fully unlocking the potential benefits of unmanned aerial systems (UAS) applications. Alongside the integration of UTM with the ATM system, an emerging Urban Air Mobility (UAM) focusing on passenger or cargo-carrying air transportation using specific corridors within an urban environment aims to further expand such integration towards the concept of Advanced Air Mobility.

The Special Issue addresses the broad topics related to Advanced Air Mobility and welcomes papers dealing with, but not limited to:

- Airspace type and structure
- Advanced AAM services
- Separation and conflict management
- Integration with UTM/U-space and ATM
- AAM vehicle advances
- Vertiport operations
- Contingency management
- AAM Fleet management
- AAM Modelling and simulation
- AI/ML applications in AAM
- CNS technologies
- Autonomy and AI for AAM
- Safety assessment methodology
- Performance framework
- Verification and validation
- Regulations and frameworks
- Demonstration





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Prof. Dr. Konstantinos Kontis

School of Engineering, University
of Glasgow, James Watt Building
South, University Avenue,
Glasgow G12 8QQ, Scotland, UK

Message from the Editor-in-Chief

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Aerospace Editorial Office
MDPI, Grosspeteranlage 5
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