



Business of Automated Mobility Forum:

UAS/AV Path to Profitability | June 23-24, 2021

Call for Technical Papers, White Papers, and Presentations

Co-developed and administered by SAE and AUVSI, the Business of Automated Mobility Forum features two days of live and prerecorded sessions focusing on the business of technology for unmanned mobility. The live program addresses the critical challenges faced by aerospace and ground vehicle industry startups and new market entrants such as startup capital and financing, consumer acceptance and liability, data privacy, safety and security, industry consensus standards development, and market forecasting.

We invite you to share your knowledge and expertise by submitting a technical paper or white paper manuscript for publication and/or an oral presentation as a prerecorded MP4 video that addresses critical pain points engineers are experiencing with solutions that will help solve technology development and integration challenges that can affect vehicle innovation.

Sessions Seeking Abstract Submissions*:

Unmanned Aircraft Systems

- Aerodynamics
- Detect Sense and Avoid
- Modeling, Simulation, and Testing
- Remote Sensing & Payloads
- UAS Datalinks
- Safety, Certification, and Standards
- Systems Integration
- UAS Traffic Management
- Cognitive Human-Machine Interface
- UAS Human-Machine Interface
- Flight Controls
- Propulsion
- Country of Origin

ADAS and Autonomous Vehicle Systems

- Fundamentals
- Perception/Sensing
- Modeling, Simulation, and Testing
- Driver Interface and Human Factors
- Behavioral and Path planning
- Advanced Topics for AVS
- Localization
- Modeling, Simulation and Validation
- Hardware and Software Design
- Software Engineering

Big Data/Data Analytics

Noise

Artificial Intelligence and Machine Learning

Cybersecurity

HOW TO SUBMIT AN ABSTRACT

Abstracts must be submitted online to only ONE session.

Offered papers shall not have been previously published; if accepted, contributors will not release their paper for publication through other media.

1. A summary that states the objective of the paper/presentation
2. Tentative title
3. Name of the author and co-authors and all contact information
4. Selection of the most appropriate technical Session

- Paper acceptance will be based on an organizer-moderated peer review of a review-ready manuscript.

Critical Deadlines

- Submit Abstract no later than **Dec. 30, 2020**
- Review Ready Manuscripts & Presentations due to session organizers by **January 30, 2021**
- Final Manuscripts and copyright assignment due to SAE by **March 17, 2021**

Upon submission, you will receive an automatic reply with your paper offer number. If you do not receive a paper offer number at that point, please retry online submission or contact brandie@sae.org.

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**If you do not see an applicable topic listed for your abstract, please contact marc.leduc@sae.org to seek the proper location to submit your abstract.*



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