

国际民航组织“全球先进空中交通 (AAM) 学术论文竞赛”征稿启事

近年来，以无人驾驶航空器系统为主要载运工具的先进空中交通(AAM)在城市物流、空中交通出行等场景的应用不断增多。在快速发展的同时，AAM的安全性、可行性、应用性等方面的研究成为世界各国民航监督部门和专家学者们的研究重点。国际民航组织(ICAO)致力于促进全世界民用航空安全、有序的发展。为激发全世界学者的科研热情，推动AAM的创新发展，ICAO特举办“全球先进空中交通(AAM)学术论文竞赛”，为来自世界各地的大学生提供一个展示他们在AAM领域开创性想法、研究和见解的平台。现将征稿启事公布如下：

一、主办单位

国际民航组织(ICAO)

二、征稿对象

全国高校的应届本科生、硕士生和博士生均可参加

三、征稿日期

- 1、摘要提交截止日期：2023年11月30日
- 2、录用通知日期：2024年1月30日
- 3、论文提交截止日期：2024年5月15日

4、获奖通知日期：2024 年 6 月 30 日前

四、征稿内容

1、竞赛主题：AAM 发展的解决方案

2、可参考研究的领域：探索基础设施设计、电动推进、交通管理、以人为本的设计、城市规划、人工智能、监管框架、网络安全和社会接受度等方面

3、评分标准：独创性（20 分）、题材深度（20 分）、适用性（20 分）、写作质量（20 分）、职业诚信（20 分）

五、征稿要求

1、页数：最少 15 页/最多 25 页。

2、引用文献数量：至少 20 个参考文献

3、论文格式：请参考指南 [Canadian Science Publishing \(cdnsiencepub.com\)](https://www.cdnsciencepub.com)

4、语言：英语

5、请于 2023 年 11 月 30 日之前将您的摘要提交至 AAM2024.competitions@icao.int

6、参赛者声明并保证提交的论文是原创作品。作品的著作权、署名权归参赛者所有。本次活动解释权归国际民航组织所有。

六、评审

评审团由加拿大国家研究委员会（NRC）、日本宇宙航空研究开发机构（JAXA）、美国航空航天局（NASA）和欧洲单一

天空空中交通管理研究（SESAR）的专家组成。

七、颁奖

1、获奖者将有机会于 2024 年在加拿大蒙特利尔召开的第一届高级空中交通研讨会（AAM 2024）上展示成果作品。

2、在第一届高级空中交通研讨会（AAM 2024）期间发表获奖论文。

3、优秀论文将被《Drone Systems and Applications journal》杂志录用。

八、联系方式

如果您有任何问题，请随时联系
aam2024.competition@icao.int.

欲了解全面的竞赛详情、提交指南和重要日期，请访问国际民航组织网站上的“全球航空航天协会学术论文竞赛”：
[Global AAM Academic Paper Competition \(icao.int\)](https://www.icao.int/global-aam-academic-paper-competition).

Global Advanced Air Mobility Academic Paper Competition

In recent years, as the main carrier, the application of Advanced Air Mobility (AAM) with unmanned aircraft system has been increasing in urban logistics, air traffic travel and other scenarios. Meanwhile, the safety, feasibility, application, and other aspects of the AAM research have attracted the attention of experts and scholars. The International Civil Aviation Organization (ICAO) is committed to promoting the safe development of civil aviation worldwide. In order to stimulate the scientific research enthusiasm of students around the world and promote the innovative development of AAM, ICAO holds AAM Academic paper competition. The Global Advanced Air Mobility (AAM) Academic Paper Competition offers a platform for university students from around the world to showcase their groundbreaking ideas, research, and insights within the realm of AAM. The details for papers are as follows:

1 Organizers

The International Civil Aviation Organization (ICAO)

2 Eligibility

Open to university students enrolled in a Master's, or a PhD program. Students enrolled in the final year of a bachelor's degree may also participate.

3 Competition timeline

- Initial title/abstract/bio submission deadline: 30 November 2023
- Notification of acceptance: 30 January 2024
- Closure of paper submissions: 15 May 2024
- Winner notification: by 30 June 2024

4 Paper details

- Competition theme: advancing AAM solutions
- Potential Focus Areas: Explore innovative approaches in areas such as, but not limited to, infrastructure design, electric propulsion, traffic management, human-centered design, urban planning, AI, regulatory frameworks, cybersecurity, and societal acceptance.
- Evaluation criteria: Originality (20 points), Depth of the subject matter (20 points), Applicability (20 points), Prose (20 points), Professional integrity (20 points).

5 Requirements

- Number of pages: minimum 15 / maximum 25.
- Relevance and number of sources: at least 20 references.
- Other paper formatting requirements: please consult the guidelines at the following page: [Canadian Science Publishing \(cdnsciencepub.com\)](https://cdnsciencepub.com).

- Language: Only papers written in English will be considered, as jury members are proficient in this language.
- Submit your abstract to AAM2024.competitions@icao.int by 30 November 2023.
- Participants represent and warrant that their submitted paper is their original work. The copyright for any submitted paper shall remain the property of the entrant. ICAO reserves the right to interpret this competition.

6 Distinguished jury

The discerning panel includes the following representatives: National research Council Canada (NRC), Japan Aerospace Exploration Agency (JAXA), National Aeronautics and Space Administration (NASA), Single European Sky ATM Research (SESAR).

7 Recognition

- Free access to the ICAO first Advanced Air Mobility Symposium (AAM 2024) in Montreal, Canada.
- Presentation of the winning paper during AAM 2024.
- Outstanding papers considered for submission to Drone Systems and Applications journal.
- And more!

8 Communication

If you have any inquiries or require further assistance in promoting the competition, please do not hesitate to reach out to aam2024.competition@icao.int.

For comprehensive competition details, submission guidelines, and important dates, please visit the Global AAM Academic Paper Competition on the ICAO website: [Global AAM Academic Paper Competition \(icao.int\)](https://www.icao.int/global-aam-competition).