

# AAS Best Paper Award 2020

## Application Process

The **AAS Best Paper Award** is given once a year to an **outstanding paper in the field of aviation applications**. The paper must have been published in a **refereed journal** and must present innovative approaches for solving complex problems in aviation and air transportation, with an emphasis on **operations research and quantitative methods**. Any author must submit **only one** of his/her eligible papers. In addition, no individual may be a co-author on more than two papers submitted to the competition.

### **A paper is eligible for the competition if**

- its main topic is related to the field of aviation and air transportation;
- it is written in English; and
- it has been published, or appears in pre-print form online through the publishing agency, between June 1, 2017 and May 31, 2020. In the case of papers that are only available in pre-print form online at the time of consideration, the online publication date must be easily verifiable.

**All topics related to the field of aviation and air transportation will be considered**, including, but not being limited to:

- aviation economics, operation concepts, and business models;
- airline operations;
- air traffic flow management and airspace management;
- tactical air traffic control;
- airport operations;
- air transportation networks;
- aircraft trajectory management;
- UAS traffic management;
- on-demand air mobility;
- electric/hybrid aircraft operations;
- pilot, flight deck, or onboard decision making models

The winning paper will be announced at the AAS business meeting to be held during the annual INFORMS meeting in November (in National Harbor, MD, USA). **The authors of the winning paper will share a prize of**

**\$800**, and each will receive a certificate.

To submit a paper for the 2020 competition, one of the authors must email the paper, along with a **nomination letter written by a colleague** (not the author, maximum 2 pages) describing the merits of the paper, to the Chair of the AAS Best Paper Award Committee, **on or before June 15, 2020 11:59pm US eastern time**. Please use the following email address for submissions: [pwei@gwu.edu](mailto:pwei@gwu.edu) (Email Subject: AAS Best Paper Award Application / Applicant name).

Disclaimer: each paper will be reviewed and scored by all five award committee members. The award committee members are not eligible for this year's award. We will enforce an unbiased review process.

## 2020 Committee Chair

### **Peng Wei**

George Washington University  
Washington D.C., USA

The other members of the committee are:

### **Yanchao Liu**

Wayne State University  
Detroit, MI, USA

### **Mihaela Mitici**

Delft University of Technology  
Delft, Netherlands

### **Xiaoqian Sun**

Beihang University  
Beijing, China

### **Yan Xu**

Cranfield University  
Cranfield, UK