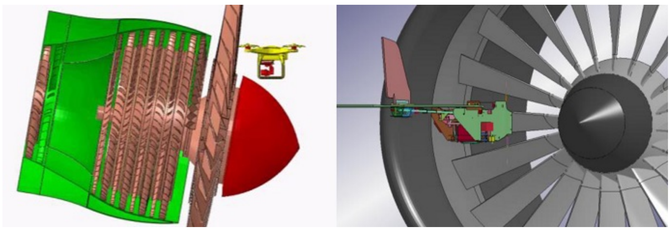
AMUSE Conference 2021



Registration is Closed

International Virtual Conference on Air Mobility with Unmanned Systems and Engineering (AMUSE)

(co-organised with ASSURE, USA)

Issues of Airborne and Ground Collision in UAS Integration

16-17 March 2021, (UTC/GMT +8)

Hosted by:

NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE | Air Traffic Management Research Institute

The FAA's Center of Excellence for UAS Research
ASSURE
Alliance for System Safety of UAS through Research Excellence

Overview of AMUSE Conference 2021

This conference aims to provide a platform for the discussion of air mobility with unmanned systems and engineering. The invited speakers come from leading groups working on Unmanned Aerial System (UAS) integration, in academia as well as industry and commercial partners whose businesses are closely related to drone applications. They will present on topics related to issues of airborne and ground collision in UAS integration as well as perspective and initiatives of aviation regulators in this aspect.

The conference will be conducted virtually in view of the ongoing COVID-19 pandemic. Registration is free, and we invite anyone from the academic, industry and aviation agencies to register. We are planning for about 150 participants and will facilitate interactions among participants.

Background

AMUSE Conference aims to provide a platform for regulators, academic researchers and industry partners to exchange ideas and research interest in UAS domain. Also, to share results from research that enable successful UAS integration into manned airspace. The inaugural AMUSE Conference, **AMUSE2020** was launched successfully in 2020, which focused on the Advancement and Trends of UTM/UAM in Asian Cities.

This year, AMUSE2021 is organised jointly by **ATMRI** and **ASSURE**, where the focus will be on Issues of Airborne and Ground Collision in UAS Integration. Being the Centre of Excellence for FAA's UAS Research, ASSURE and its members have conducted impactful research on numerous areas. ATMRI and ASSURE have been collaborating for the past 2 years with their shared research interest in UAS airborne collision risk and severity evaluation.

Enabling air mobility through the usage of UAS presents numerous challenges. Collision risks mitigation to enable safe and effective UAS integration has never been more important. Participants will be able to enjoy and learn about high-level opportunities and challenges with UAS integration, as well as current state-of-the-art research being pursued in the academic community.

Speakers | **Programme** | **Registration**

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