



# Center for UAS Propulsion (CUP)

## 2<sup>nd</sup> CUP Workshop

Please join us for the second CUP Program Review and virtual Workshop hosted by Northwestern University on November 17-18, 2020. CUP leads research focused on discovery, innovation, and transition of Unmanned Aircraft System (UAS) propulsion technologies to enable unmatched, enduring power for maneuvering and mobility. The aim of the center is to address U.S. Army needs for current and future advances in UAS propulsion systems in the following 4 areas:

- **Reliability:** reliable operational cycles over extended periods
- **Payload:** increase power density to facilitate additional electronics, cargo and sensor packages
- **Signatures:** decrease detection by opposing parties
- **Range:** increase operational range

The goal of the second CUP workshop is to integrate collaboration in UAS power and propulsion between ARL, academia, industry and government agencies. During this event, ARL technology area leaders and our academic partners will present their project updates and future plans. Industry leaders will also present their recent technology updates. Program will be reviewed by a group of senior industry, academic and government experts. There will be virtual breakout channels on MS Teams.

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### Event Information (Save the Date)

**Date:** 17–18 November 2020

**Location:** Virtual – via MS Teams CUP channel

**No Registration Fee**

**Registration Website:** <https://tinyurl.com/arlcup>

**Workshop Agenda:** <https://tinyurl.com/arlcupAgenda>

**RSVP Cut Off Date:** 10 November 2020



Northwestern  
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