



Student UAS Contest

Contest Overview

Date / Time: Thursday, September 21, 2017, 10:30am—12:30pm

Location: Hilton St. Petersburg Bayfront Hotel, 333 1st Street South, St. Petersburg, FL 33701 USA

Objective: Teams work together to fly Unmanned Aerial Systems (UAS) over an indoor course of scale model scenarios derived from commercial and military applications: for example to find a lost hiker, count wildlife, locate buried explosives, identify equipment damage, or bring a life preserver to a drowning swimmer.

Prizes: DJI Phantom 3 Standard UAS as the Grand Prize; other prizes will be awarded as well.

Audience: Conference attendees and local press will be invited to attend the contest.

Contest Rules

Contest registration is free to teams of three (3) or more students and professors from the same college or university. Multiple teams may enter from the same college, as long as each team has 3 or more members. All team members must be fully registered (3-day) attendees at the 36th DASC by 19 September 2017, and no person can be a member of more than one team. At least 2 teams must register in order for the contest to take place.

Register teams for the contest by selecting “UAS Contest” on the Contact Us form at the 2017 DASC website <http://2017.dasconline.org>. Provide a team name, college or university name, individual team member names and classifications (student or professor), and a primary team contact (name, email, phone number).

An identical small form-factor UAS with camera will be given to each team at conference check-in to practice, participate, and keep. The specific UAS model will be posted on the DASC website 2 weeks prior to the conference. Real-time camera video may be viewed on a tablet (not provided) or VR headset (provided, but requires either an Android or iPhone, which are not provided).

A series of small floor and table-top scenarios will be laid out at the end of a large indoor room at the hotel. These scenarios will be available during the conference for teams to view and practice (but without the specific solution items in place). Practice time must be coordinated with the DASC on-site registration team.

For the contest, team members and spectators will gather at one end of the room. Teams will fly their UAS to the other end of the room to solve the scenarios, using real-time video and teamwork. The winners will be announced (and prizes awarded) at Thursday’s Award Luncheon immediately following the contest.