



The Rocky Mountain Section of the American Astronautical Society (AAS) is proud to host the Annual AAS Guidance, Navigation and Control Conference. As a host, we would like to provide our attendees with an easy to use event interface that will facilitate communication and encourage more interactive participation at the conference.

Background

Because many people attend conferences with the intention of socially engaging with other professionals and academics in a similar field, we would like to help facilitate this interaction as much as possible. One of the ways to accomplish this is via a conference specific event app or a mobile friendly interface that is run by our organization's website and is accessible via a mobile home screen icon.

Project Description

In order to achieve the goal of improved interactions at our annual conference, we recognize that two fundamental tasks must be completed.

1. While the conference planning committee has organized over 40 successful conferences to date, little focus has been placed on the AAS website, and it has fallen behind modern websites in appearance and functionality. The first task must be to modernize the AAS website.
2. With an updated website, a CRUD (create, read, update and delete) wrapper needs to be created so that the website's interface is mobile friendly.

The finished project is a fully functioning website with an easy to use mobile interface that can be accessed via a mobile home screen icon. The product will be used at our conference in February 2019.

Requirements

We are looking for a team of 2-3 engineering students. Students should be familiar with website development and basic User Interface/Experience theory and implementation. Because of the emphasis on an easy to use front end, the team may also include a graphic designer or a member who is passionate about graphic design.

The team will be working closely with members of the planning committee which is comprised of employees from local aerospace companies including Lockheed Martin, Ball Aerospace, Sierra Nevada and others. The conference is attended by employees from a vast majority of aerospace companies nationwide including NASA and the Department of Defense. Needless the say, the finished product will have great visibility in the Aerospace industry.