

IEEE Region 1-Union College Micromouse Competition

Design Competition Guidelines

Besides the usual awards towards the fastest maze solvers, this year we are also going to award the best micromouse design. This contest will focus on the overall design as demonstrated by an oral presentation.

Although there is no specific format required for the presentation, the following guidelines should be used for preparing for the presentation.

- The team should plan to address the following points in the presentation:
 - ❖ Overall design goals and strategies
 - ❖ High level structure of the design (mechanical, control)
 - ❖ Design choices for subfunctions (locomotion, sensing, etc)
 - ❖ Overview of software
 - ❖ Implementation and testing process and results
 - ❖ Conclusions
- We encourage groups to feature the most innovative part (coding, mechanical design, etc) during the design presentation.
- The Oral Presentation will happen on the competition day. Each presentation will be 10-15 minutes in length, with 5 minutes for questions.