



Maryland Engineering Challenges 2021 Robot Challenge

High School Level – Grades 9 to 12

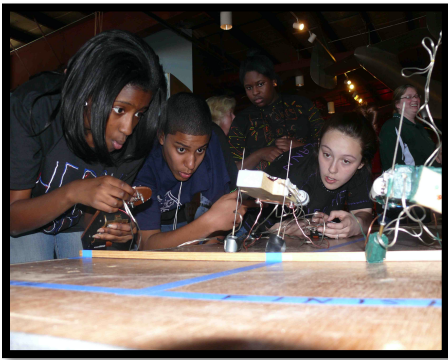
Middle School Level – Grades 6 to 8

April 25, 2021

Sponsored by the:
Institute of Electronic and Electrical Engineers (IEEE)

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Important Changes in 2020-2021

- 1) THE ROBOT CHALLENGE, IN RECOGNITION OF THE UNCERTAINTIES RESULTING FROM COVID-19, HAS BEEN ADAPTED TO ALLOW FOR AN ENTIRELY VIRTUAL OPERATION IN THE EVENT THAT SCHOOLS DO NOT RE-OPEN; A PARTIAL VIRTUAL OPERATION IN THE EVENT THAT SCHOOLS OPEN BY APRIL 2021; AND AN ENTIRELY NORMAL OPERATION IN THE EVENT THAT SCHOOLS OPEN IN NOVEMBER 2020.
- 2) THE COST TO THE SCHOOLS FOR A 2-LEG ROBOT KIT WILL BE THE SAME AS LAST YEAR (\$59), AND WILL NOT BE AFFECTED BY EITHER OF THE 3 ALTERNATIVES MENTIONED ABOVE. THE IEEE WILL ABSORB ANY INCREASED COSTS THAT MAY ARISE.
- 3) Teams that received kits last year, but were unable to participate in the Robot Challenge because of Covid-19, will be eligible to use the same robot to participate this year at no additional charge.
- 4) Those who built their robots last year and participated in the Written Report Competition, will be allowed to use the same report this year (and the same points), or they may modify or rewrite their report, and re-submit it for re-evaluation.