

The Role of Robotics Competitions in Advancing Intelligent Systems: A Practitioner's Perspective

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- Competitions involving robots are becoming increasingly popular for stimulating interest and focusing efforts in engineering and science
- On one end of the spectrum, they attract young students to consider pursuing studies in science, technology and math, while at the other end, large “one time” government-funded competitions, such as the US Military’s DARPA Grand Challenge serve as innovation stimulants
- In the middle, annual competitions with evolving challenges allow for continual and significant progress along a variety of technology trajectories
- This talk will discuss the role robotics competitions can play in measurement and evaluation of intelligent system capabilities and, how they can accelerate the pace of technological advancement

