



F1/10

AUTONOMOUS RACING COMPETITION

SPONSOR INFORMATION

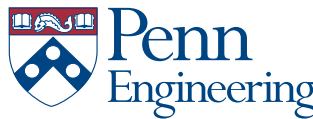
Venue

October 1-2, 2016
April 18-21, 2017
Wean Hall
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213

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Organized By:



f1tenth.org

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WHAT IS F1/10 AUTONOMOUS RACING?

1/10th the scale. 10 times the fun.

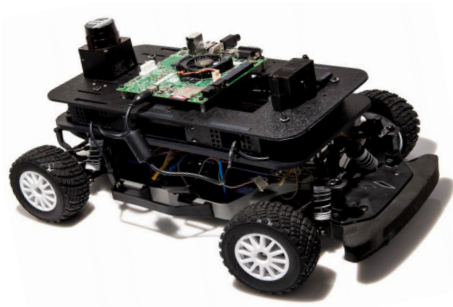
We're bringing together two dozen of the top research labs and tech institutions from around the world. Twice a year, teams will field fully-autonomous 1/10th scale racecars capable of achieving speeds of up to 40mph.

The competition is formula-based. With uniform hardware amongst competitors, successful teams will demonstrate novel approaches for trajectory planning, race strategy, and dynamic obstacle avoidance. Solutions to these problems are critical for the deployment of self-driving cars and advancement of mobile robotics.

HOW YOUR SPONSORSHIP WILL BENEFIT F1/10

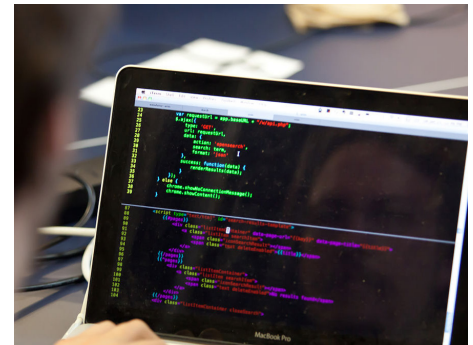
Expand the Open-Source F1/10 Community

Your sponsorship will go towards advancing the quality of the open-source F1/10 online course. This course focuses on creating a challenging and engaging design experience for graduate and undergraduate students in electrical engineering, computer science, robotics and embedded systems. The course takes 2-3 weeks and prepares students with the knowledge needed to be competitive in the autonomous race.



Provide Teams with Materials

While sensor technology and hardware costs continue to fall, these costs are oftentimes still prohibitive to many student researchers. With your support, we will be able to provide sensor mounting chassis, power boards, hardware, and sensors to all the teams at a greatly reduced cost. Our goal is to remove barriers to autonomous driving research and development and accelerate progress in developing new algorithms for autonomous driving.



Help Fund the Fall and Spring Race Events

Twice a year, we will organize the F1/10 autonomous racing competition. It will be co-located with Cyber-Physical Systems Week in Spring, and Embedded Systems Week in Fall.





Our goal is to grow a community around this competition. Your sponsorship will help of set the costs of running the event, as well as enable the attendance of participating teams through travel and lodging subsidies.



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HOW DOES F1/10 BENEFIT YOU?

What you will get with your F1/10 Sponsorship.

	 Kilo Sponsor	 Giga Sponsor	 Tera Sponsor	 Custom Sponsor
	\$4,000	\$8,000	\$16,000	<i>EMAIL US</i>
• All-Access Fall & Spring Event Pass	✓	✓	✓	-
• Send Representatives to Events	✓	✓	✓	-
• Logo on Website	✓	✓	✓	-
• Logo on Banner		✓	✓	-
• Access to Participant Directory		✓	✓	-
• Present an Award to Winners			✓	-
• Description in Event Program			✓	-
• Distribute Recruiting Materials			✓	-
• Company Promotion Table at Events				Available

KEY BENEFITS FOR ALL SPONSORS

Unique Solutions for Autonomous Driving

The F1/10 Competition will give you an incomparable meeting of the minds, all focused on the algorithmic problems presented by self-driving cars. You can expect to see a diverse portfolio of solutions to long-standing autonomy problems, such as static and dynamic obstacle collision avoidance, scene understanding, obstacle interpretation, navigation of unmapped areas, and many others.

Feedback on New Products and R&D

F1/10 allows for you to generate excitement and interest on your cutting-edge technology products and services, as well as opportunities to form partnerships with world's leading research labs that specialize in autonomy and cyber-physical systems. Present your products and research findings for instant feedback from our base of highly knowledgeable participants on both hardware and software algorithms.

Recruit Highly Motivated Candidates

Participants are experts in control systems, robotics, embedded systems, machine learning, and software development. Your company will have direct access to top masters and PhD-level technical talent in autonomous driving from the world's leading academic institutions. This event provides for the perfect opportunity to interact face-to-face with top talent from around the world and assess a specialized pool of quality candidates.

Interested? Still have questions? Please email us at sponsor@f1tenth.org