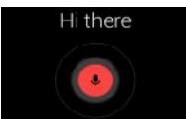


SlashGear

Feeding Your Gadget and Tech Obsessions
[Tip Us](#)



- [Moto X wrap-up: everything we learned in Motorola's first 24 hours of rebirth](#)



- [Moto X hands-on](#)



- [Huawei Ascend P6 Unboxing and Hands-on](#)



- [What's the oldest piece of technology you still use every day?](#)



- [2014 Kia Sorento Justice League ebay auction exceeds \\$37,000](#)



- [Nexus 7 2013 benchmarked: Snapdragon S4 Pro in full effect](#)



- [SlashGear 101: What is Chromecast?](#)

- [Home](#)
- [Reviews](#)
- [Columns](#)
- [Features](#)
- [Archive](#)
- [Videos](#)
- [Tegra Hub](#)

RSS Feed

Trending [Sony PS4](#) [Nokia Lumia 1020](#) [Back to School Tech](#) [Moto X](#) [Hubs](#) [Apple](#) [Android](#) [Cars](#) [Phones](#)

DARPA Virtual Robotics Challenge finalists move forward with life-sized humanoid bot

[Chris Burns](#), Jun 27th 2013 [Discuss \(0\)](#)

5

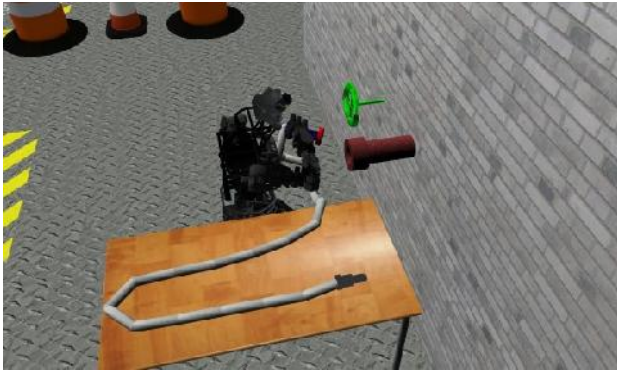
Like 2

Tweet 2

As the next generation in computing springs forth, so too does the robots world – and with it, replacements for human beings in dangerous situations. What the DARPA Virtual Robotics Challenge this year is doing is filtering out challengers from across the globe – first from 100 entrants, then down to 26 entrants, then down to a select few or only one team that'll gain the highest prize.



The goal of this program is to develop a robots capable of working with commands for complex- ground-based tasks for "dangerous, degraded, human-engineered environments." The competitive nature of the program allows for an engaging setup for both those involved in creating these robots and this technology and for those that would otherwise not find interest in a program that, from its outward appearance, seems a bit more complicated than your average fun and engaging robot-based news release.



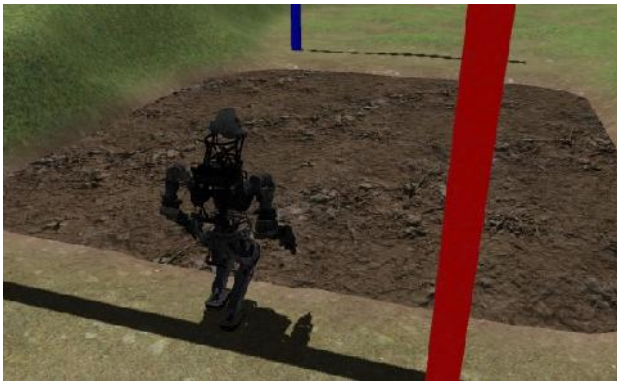
The images you're seeing here are Example VRC images from the DARPA Simulator. Here you're seeing one of what will be a wide variety of solutions for the future of robotics, specifically those aimed at replicating human abilities in situations where humans would otherwise be subject to dangerous surroundings. DARPA hopes to take the best of the best in today's robotics-friendly scientists and put them to the task of finally, at long last, bringing a next-generation "[Rosie](#)" to a much more real place.

Below you'll see Nate from OSRF (Open Source Robotics Foundation) speak about the preliminary challenge for this project.

While the contest itself was supposed to bring 6 teams to this round, greatness shone through, and 9 (and you'll find soon, 7 in the end) appear here in this cut-down.

- Team IHMC, Institute for Human and Machine Cognition, Pensacola, Fla. (52 points)
- WPI Robotics Engineering C Squad (WRECS), Worcester Polytechnic Institute, Worcester, Mass. (39 points)
- MIT, Massachusetts Institute of Technology, Cambridge, Mass. (34 points)
- Team TRACLabs, TRACLabs Inc., Webster, Texas (30 points)
- JPL / UCSB / Caltech, Jet Propulsion Laboratory, Pasadena, Calif. (29 points)
- TORC, TORC / TU Darmstadt / Virginia Tech, Blacksburg, Va. (27 points)
- Team K, Japan (25 points)
- TROOPER, Lockheed Martin, Cherry Hill, N.J. (24 points)
- Case Western University, Cleveland, Ohio (23 points)

Winners will receive a cash prize as well as – believe it or not – a real human-sized (life-sized, that is) humanoid robot to compete in the next round of the challenge. This machine is an Atlas robot, having been created by Boston Dynamics and based on the company's Petman platform.



The finals for this DARPA Robotics Challenge (DRC) will be coming up in December of 2014. While the government brought on prize funding for a total of six teams, one of the current (9) teams JPL has announced that they're giving some of their funding and their Atlas robot to the Lockheed Martin team – friendly of them, isn't it? The rest of the funding will be going to a team newly formed to make a merger of Team K and Case Western: this team known as HKU.

HKU will be using a donated robot as well, this time from Hong Kong University, participating in the December finals as well. The final round will therefore be featuring seven teams.

SUBSCRIBE VIA [RSS](#) OR [EMAIL](#).

POPULAR STORIES TODAY:

- [Verizon HTC One release set for Blue](#)
- [iPad mini 2 housing leaks aside iPad 5](#)
- [No Moto X for Europe as expensive AT&T off-contract pricing revealed](#)
- [Moto X and the dawning Context Ecosystem](#)

Tags:

[DARPA](#), [hardware](#), [Robotics](#), [robots](#)

LATEST STORIES:

- [CBS no longer allows full online episode streaming for Time Warner Cable users](#)
- [Comcast Xfinity Prepaid TV launches with pay-as-you-go service](#)
- [Chinese hackers fall for decoy water plant, inadvertently confirm motives](#)



Must Read Bits & Bytes

- [Moto X official: Touchless Google Now and 10MP Clear Pixel camera](#)



- [NVIDIA SHIELD Review](#)



- [Samsung Galaxy S 4 artificially tuned for benchmarks research spots](#)



- [Nexus 7 2013 Review](#)



- [Apple must allow Kindle store links DOJ insists over ebook antitrust](#)



[More Must Read Bits & Bytes »](#)

0 comments ★ 0

Oldest Community Share

ALSO ON SLASHGEAR

What's the oldest piece of technology you still use every day?

73 comments • 6 days ago

MOI ICI — My brain!

Moto X hands-on

16 comments • 2 days ago

ᄒᄒᄒ ᄒᄒ — Now I have to check one out. Thanks for the review. Anyone wanna buy a gently used Galaxy S4? lol

The Wii U Needs to Be Replaced By A Real Contender – Now

19 comments • 2 days ago

Quentin Whiteman — This entire article is garbage, sounds like another one jumping on the bandwagon of what ...

Nexus 4 Android 4.3 update bringing some users a gaggle of issues

14 comments • 2 days ago

Octavio Lara — just upgraded to 4.3 on nexus 4 6days ago working good no problems ...updated manualy

[What's this?](#)

Comment feed Subscribe via email



REVIEWS

- [NVIDIA SHIELD Review](#)



- [Nexus 7 2013 Review](#)



- [Nokia Lumia 1020 Review](#)



- [Google Chromecast Review](#)





• [HTC One mini Review](#)



• [Rokform RokDock Stand Review](#)



• [Riptide GP 2 Review](#)

[More Reviews »](#)

Columns



• [Moto X and the dawning Context Ecosystem](#)



• [The Wii U Needs to Be Replaced By A Real Contender - Now](#)



• [Chromecast is a viable STB replacement, but not for everyone](#)



• [Who Knew? Hardware Is the New Software](#)



• [Moto X then wearables: here's how Motorola gets fashionable](#)

[More Columns »](#)

Which upcoming gaming console you plan to own

- Playstation 4
- XBOX One
- Wii U
- Undecided
- Planning to buy more than one

[View Results](#)

RECENT COMMENTS



[bruce](#)

The phrase exists (I know this wasn't...

[Moto X wrap-up: everything we learned in Motorola's first 24 hours of rebirth](#) · 31 minutes ago



[bruce](#)

Actually, Jobs did believe himself to...

[Apple patent shows device-centric automatic car settings](#) · 53 minutes ago



[That Guy](#)

The website is no longer functioning...

[NIKE Teases Separate 2015 Re-Release of 2011 Back to the Future Shoe, Power Laces intact \[Video\]](#) · 2 hours ago



[cstrife999](#)

Verizon will probably be getting it...

[Verizon HTC One release set for Blue](#) · 2 hours ago



[sourabh](#)

Chris!! what happened to you typo in...

[Apple VP shuffle has Bob Masfield on Chips, duties split in two](#) · 3 hours ago

SITE SOCIAL & FEEDS
POPULAR TOPICS
[SlashGear Android App](#)
[SlashGear iPhone App](#)
[SlashGear iPad App](#)

[About](#)
[Advertise](#)
[Contact](#)
[Privacy Policy](#)
[Terms of Use](#)

© 2006-2013 SlashGear. All Rights Reserved.

[Google+](#)
[Facebook](#)
[Twitter](#)
[RSS Feed](#)
[Smartphone](#)
[Tablet](#)
[Laptop](#)
[Desktop](#)
[Gaming](#)
[Storage](#)
[Computing](#)
[Science](#)
[Apps](#)
[Television](#)

