Organizing Committee

Elizabeth Croft  Tully Foote  Ryan Gariepy  Brian Gerkey  Deanna Hood

Program Committee (in addition to OC)

Niharika Arora  Denise Eng  Kaijen Hsiao  Ingo Lütkebohle  Ian McMahon  Allison Thackston
The real organizers

Roberta Friedman

Karlyanna Kopra
Lightning Talks

Session 1: 14:55 today
Session 2: 14.50 tomorrow

Sign up by submitting your name and/or slides at the registration desk.

Signup deadline: **12:30 each day**
Attendee breakdown

- Americas: 61.4%
- Asia: 17.0%
- Europe: 18.4%
- Africa: 0.8%
- n/a: 1.2%
- Student: 20.2%
- Non-student: 79.8%

Total: 500 (sold out)
AM & PM breaks
Lunches

Reception
18:00 today
SSID: ROSCon2017
Password: awesomebots
Communicate like a President!

@OSRFoundation
#ROSCon17
ROSCon 6 years
ROS 10 years 11 Distros

2010
2010
2011
2011
2012
2012
2013
2014
2015
2016
2017
ROS is not alone
2017 Metrics Highlights
### 5 Generations of Hosting Platforms

<table>
<thead>
<tr>
<th>Platform</th>
<th>SVN</th>
<th>Mercurial</th>
<th>Git</th>
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<tbody>
<tr>
<td>SourceForge.net</td>
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<tr>
<td>code.ros.org</td>
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<td>kforge.ros.org</td>
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<td>google-code</td>
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<tr>
<td>Github, BitBucket, GitLab...</td>
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Landmark Robots
Computational Changes

~1 kW

~20 W

~1 W

<< 1 W
Successful Exits

Driven in the Valley: The Startup Founders Fueling GM’s Future

Cruise Automation sold to GM for $1 billion; now its founders are racing to bring a self-driving car to the masses.

Statistically speaking, most of us will never build a billion-dollar company. We definitely won’t build two of them. If any of us did pull that off, we’d most likely feel pretty satisfied with ourselves. We’d retire. Travel the world, maybe. Do a TED Talk, definitely.

http://fortune.com/cruise-automation-general-motors-driverless-cars/

Deere to acquire Blue River Technology for $305 million

By Wallace Witkowski
Published: Sept 6, 2017 6:16 p.m. ET

Deere & Co. DE, +2.66% said late Wednesday it’s acquiring Blue River Technology to increase the machine-learning capabilities of farm equipment. Deere said it is paying $305 million to acquire the Sunnyvale, Calif.-based company, which uses computer imaging and machine learning for agricultural spraying and weeding equipment. Deere expects to close the acquisition in September. Shares of Deere were unchanged after hours at $116.22.

Recent Trend: Automotive

Baidu’s Project Apollo

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Bosch Autonomous Model S running rviz

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“Awe use the latest technologies, such as ROS (Robot Operating System), and are able to see the results quickly and directly in the vehicle. It is extremely exciting to be working on such an important area for the future.”

-- André Müller, BMW
Thank you and please keep contributing!

- Ask (and answer!) questions on [https://answers.ros.org](https://answers.ros.org)
- Open issues and create pull requests on individual projects issue trackers
- Improve the documentation on the wiki
- Create packages
- Let the world know that you’re using ROS!
  - Announce your projects on [https://discourse.ros.org](https://discourse.ros.org)
Welcome to ROSCon!