Organizing committee

Tully Foote   Ryan Gariepy   Brian Gerkey   Sebastian Rockel

Program committee

- Jenssen Chang
- Michael Ferguson
- Ian McMahon
- Enrique Fernandez Perdomo

Today

	Presenter	Title
900	Brian Gerkey (OSRF)	Opening Remarks
910	Mark Shuttleworth (Canonical)	Commercial Models for the Robot Generation
955	Stefan Kohlbrecher (Technische Universitaet Darmstadt)	An Introduction to Team ViGIR's Open Source Software and DRC Post Mortem
1040	Everyone	Coffee Break
1110	Gary Servin (Creativa77)	ROS android_ndk: What? Why? How?
1130	Lorenz Meier, Roman Bapst (ETH Zurich / PX4)	ROS on DroneCode Systems
1150	Morgan Quigley (OSRF)	ROS 2 on "Small" Embedded Systems
1210	Everyone	Lunch
1340	Ruffin White (Georgia Tech)	ROS + Docker: Enabling Repeatable, Reproducible, and Deployable robotic software via Linux Containers
1400	Dejan Pangercic, Daniel Di Marco, Arne Hamann (Robert Bosch)	Docker-based ROS Build Farm
1420	Ralph Seulin, Raphael Duverne, Olivier Morel (CNRS - Univ. Bourgogne Franche-Comte), et al.	ROS for Education and Applied Research: Practical Experiences
1440	Everyone	Lightning Talks I
1520	Everyone	Birds Of a Feather I
1600	Everyone	Coffee Break
1630	Dirk Thomas, Esteve Fernandez, William Woodall (OSRF)	State of ROS 2 - Demos and the Technology Behind
1715	Jackie Kay (OSRF), Adolfo Rodríguez Tsouroukdissian (PAL Robotics)	Real-time Performance in ROS 2
1800	Everyone	Reception
2000		Fin

http://roscon.ros.org/2015/#program

Tomorrow

ROSCon 2015

	Presenter	Title
900	Dave Coleman (University of Colorado Boulder)	MoveIt! Strengths, Weaknesses, and Developer Insight
945	Mirko Bordignon (Fraunhofer IPA), Shaun Edwards, Clay Flannigan (SwRI), et al.	Bringing ROS to the Factory Floor: A Status Report on the ROS-Industrial Initiative
1030	Everyone	Coffee Break
1100	Kai von Szadkowski (University of Bremen)	Phobos - Robot Model Development on Steroids
1120	Shaun Edwards, Jorge Nicho, Jonathan Meyer (SwRI)	The Descartes Planning Library for Semi-Constrained Cartesian Trajectories
1140	Amit Moran, Gila Kamhi (Intel)	Introducing ROS-RealSense: 3D Empowered Robotics Innovation Platform
1200	Everyone	Lunch
1330	Michael Aeberhard, Thomas Kühbeck, Bernhard Seidl (BMW Group Research and Technology), et al.	Automated Driving with ROS at BMW
1350	Jerry Towler, Marc Alban (SwRI)	Mapviz: An Extensible 2D Visualization Tool for Automated Vehicles
1410	Matt Vollrath, Wojciech Ziniewicz (End Point)	ROS-driven User Applications in Idempotent Environments
1430	Everyone	Lightning Talks II
1510	Everyone	Birds of a Feather II
1550	Everyone	Coffee Break
1620	Tom Moore (Clearpath Robotics)	Working with the robot_localization Package
1640	Moritz Tenorth, Ulrich Klank, Nikolas Engelhard (Magazino GmbH)	Maru and Toru: Item-specific Logistics Solutions Based on ROS
1700	Michael Ferguson (Fetch Robotics)	Accelerating Your Robotics Startup with ROS
1720	Ryan Gariepy (Clearpath Robotics)	Closing Remarks
1730		Fin

http://roscon.ros.org/2015/#program

Extra space in the West Wing:
- Room 121B
- Cafe

Canteen

Main building and west wing

Session 1: 14:40 today
Session 2: 14.30 tomorrow

Sign up by giving your name and/or slides to:

Signup deadline: end of the previous break / lunch
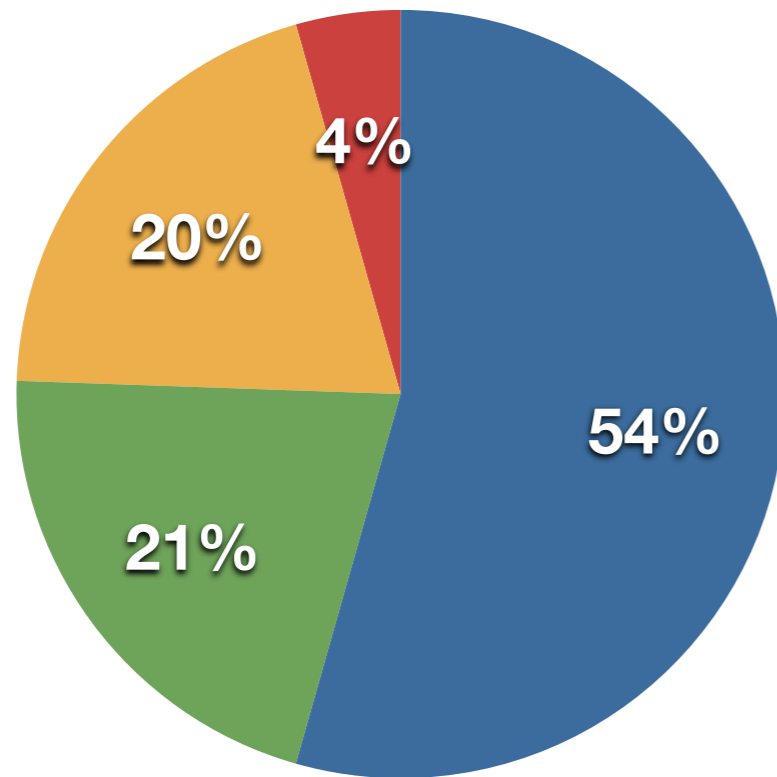
Session 1: 15:20 today
Session 2: 15:10 tomorrow

Sign up by proposing and/or voting on a topic, by the registration desk
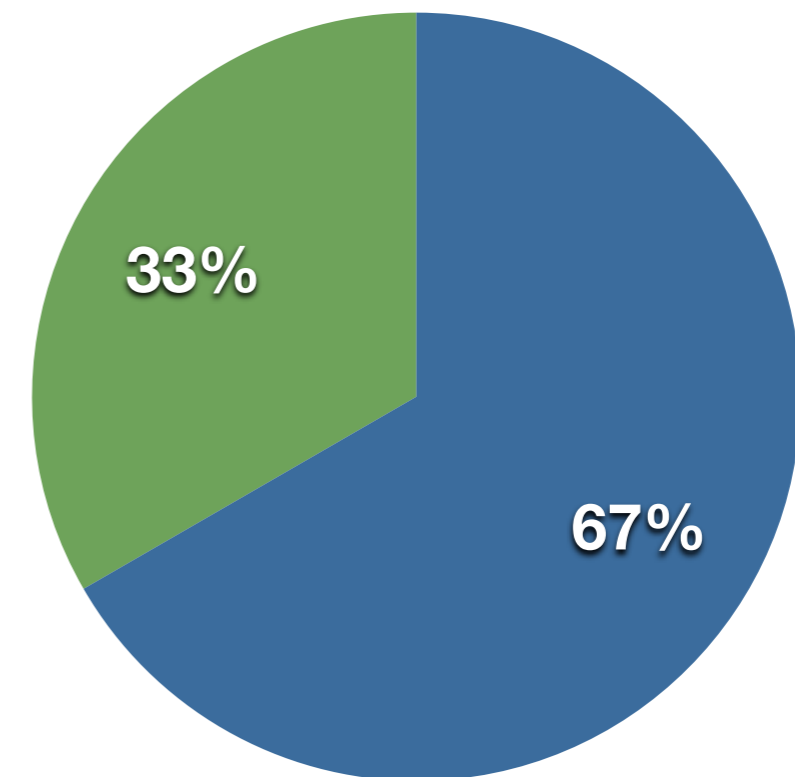
Signup deadline: end of the previous break / lunch

Attendees by affiliation type

54%

20%

4%

21%

● Industry ● University ● Other ● Institute

Total: 364

Attendees by registration type

33%

67%

● Non-student ● Student

What's new since last time?
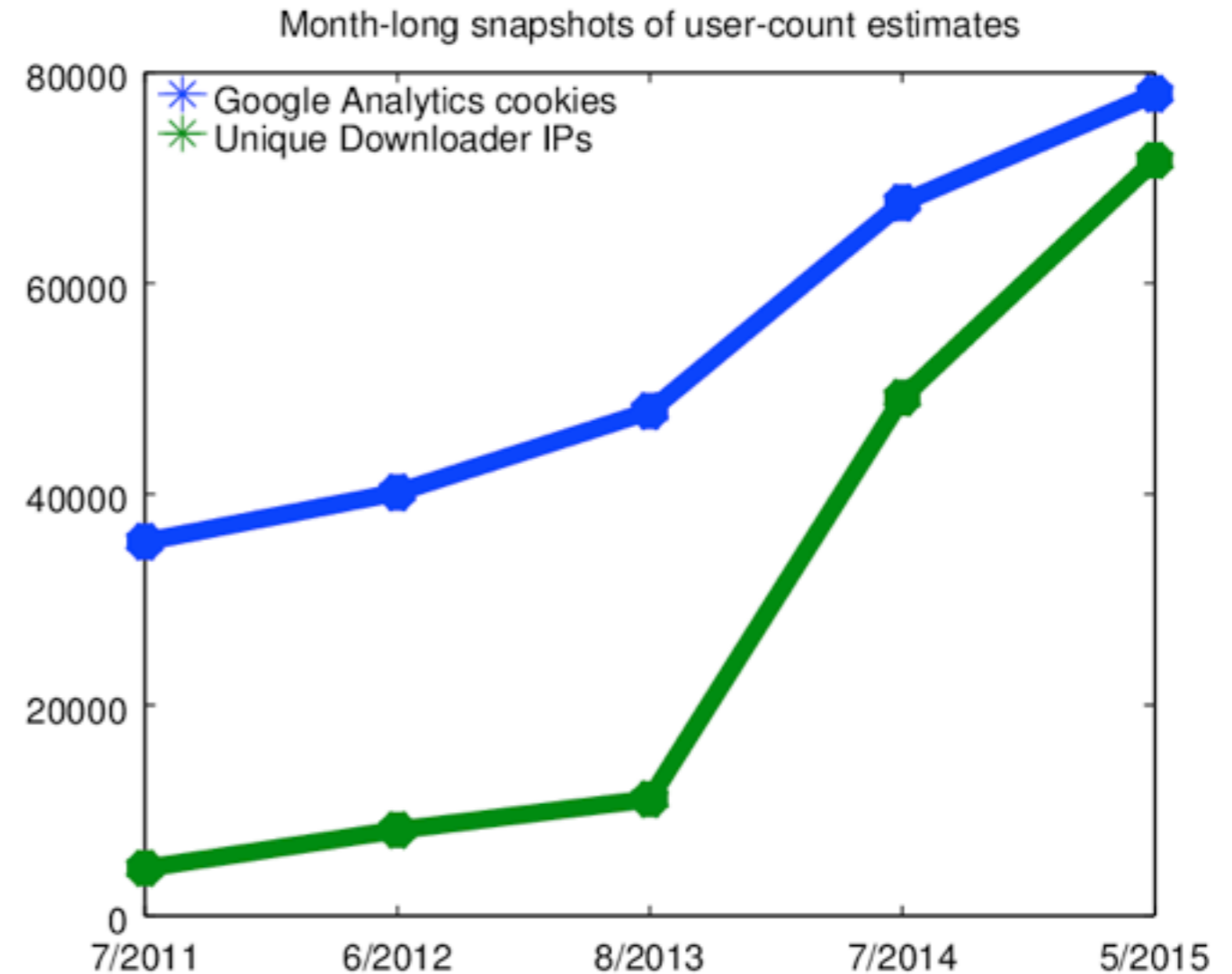
Metrics
(not counting mirrors)

- **Downloads (May 2015)**
  - Packages: 8,504,870
  - IP addresses: 71,663

- **Web activity (May 2015)**
  - ros.org (wiki):
    - Unique visitors: 78,005
    - Page views: 1,101,540
  - answers.ros.org (Q&A forum):
    - Questions to date: 23,162
    - Answer rate: 73%

Month-long snapshots of user-count estimates
- Google Analytics cookies
- Unique Downloader IPs

- **Research use (cumulative)**
  - Citation count of "ROS: an Open-Source Robot Operating System" (Quigley et al., 2009): 1882

http://wiki.ros.org/Metrics
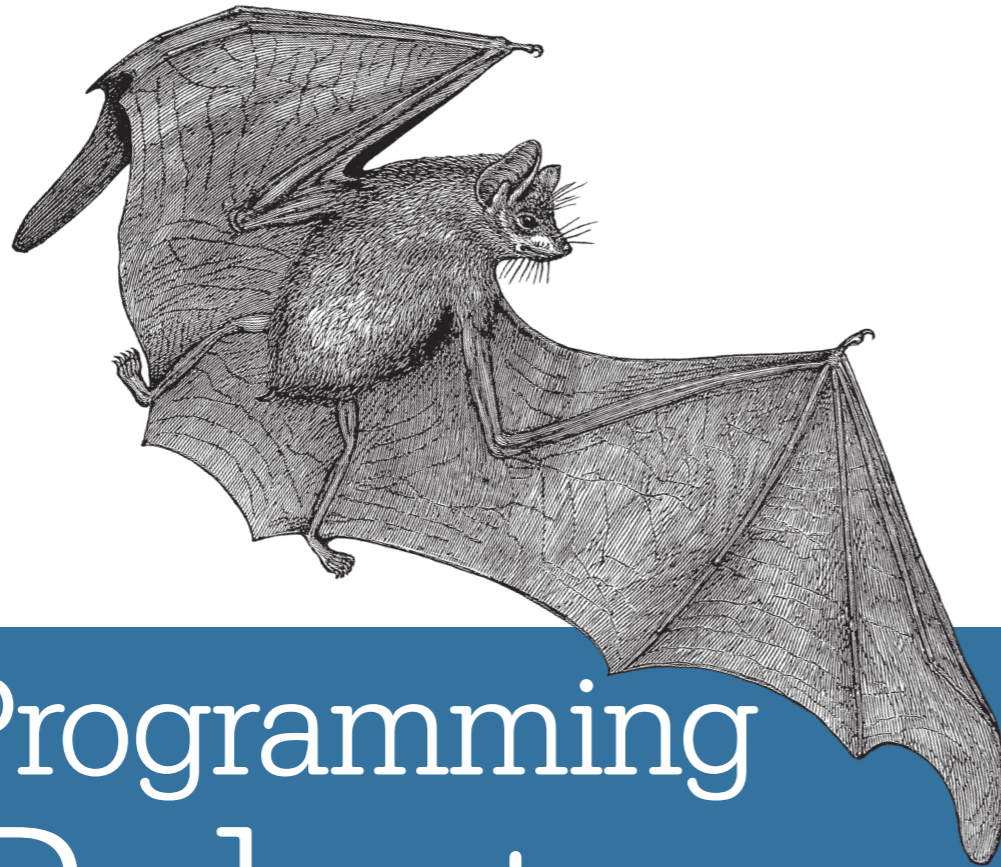
DARPA Robotics Fast Track

Awesome robot ideas wanted

https://rft.osrfoundation.org

O'REILLY®

Programming Robots with ROS

A PRACTICAL INTRODUCTION TO THE ROBOT OPERATING SYSTEM

Morgan Quigley, Brian Gerkey
& William D. Smart

We've also noticed that it's not a turtle.

Authors don't choose the animal.

AM & PM breaks
Lunches

Reception
18:00 today

SSID: GUEST
Network password: on your badge
Username: on your badge
Password: on your badge
(one device at a time)

Live stream:

https://lecture2go.uni-hamburg.de/live

Videos will be posted soon after.

Stuff that's not as useful as email:

@OSRFoundation

#ROSCon15