



# Silicon Valley Robotics

## Silicon Valley Robotics Timeline

**1959** First industrial robot is produced in US by Engelberger and Devol.

**1966-1972** “Shakey” the ‘first electronic person’ is created at SRI.

**1984** Adept introduce the first direct drive SCARA robot arm.

**1999** Intuitive introduce the first Da-Vinci surgical system to market.

**2005-2007** Stanford’s “Stanley” & “Junior” win the DARPA grand challenge for autonomous vehicles.

**2009** National Roadmap for Robotics is presented to Congress.

**2010** Silicon Valley Robotics launches its first network event for roboticists.

**2010** First Robot Block Party held at Stanford in National Robotics Week.

**2012** Silicon Valley Robotics launches new website and incorporates as a professional or trade association.

**2013** Join Silicon Valley Robotics as either a company or an individual.

## The robotics industry recent statistics:

In 2012, industrial robot sales increased by 9% to about 181,000. The IFR Statistical Department expects that between 2013 and 2015 worldwide robot sales will increase by about 5% on average per year. In 2015, the annual supply of industrial robots will reach more than 200,000 units.

About 16,400 service robots for professional use were sold in 2011, 9% more than in 2010, reports the IFR Statistical Department. The sales value increased by 6% to US\$ 3.6 billion. For 2012-2015, sales forecast indicate an increase to 93,800 units with a value of US\$ 16.3 billion.

There is continued growth in service robotics with strong demand for consumer robots. In 2011, it was estimated that 1.7 million domestic robots, including all types, were sold. It is estimated that about 15.6 million units of service robots for personal use will be sold between 2012 and 2015.

China will become the biggest robot market in the world. In order to have the same robot density in China as we have in Germany or Japan, about one million new robots will have to be installed in the coming years in China.

## Silicon Valley Robotics Founding Members:



**BOSCH**  
Invented for life



Promoting the innovation and commercialization of robotics technologies in the Bay Area



Silicon Valley Robotics is a non-profit 501(c)6 business league supporting the innovation and commercialization of robotic technologies in the northern California area. The Silicon Valley area is home to one of the largest robotics clusters in the world, with more than 80 robotics companies and 10 world class research facilities.

Silicon Valley Robotics runs events, collects data, connects companies, shape policy and provides information. Silicon Valley Robotics is a central contact point for interest in robotics via our website and directory. Join us for network and speaker events, investor breakfasts, and our popular Robot Block Party @ Stanford during National Robotics Week.

**For robotics companies and research labs:**

- introductions
- network events
- recruitment events
- promotion of press releases, open positions, directory listing
- media contacts
- speaker series
- investor breakfast invitations
- market research
- setting the policy agenda

**Robotics non-profits or STEM organizations:**

- introductions
- network events
- recruitment events
- promotion of press releases, directory listing
- media contacts
- speaker series
- market research
- robotics news
- setting the policy agenda
- participation in the Robot Block Party



*Ben Pitzer, John Dulcinos, Rich Mahoney, Andra Keay, Steve Cousins, Jan Becker at inaugural board meeting, Oct 4 2012.*

**Silicon Valley Robotics Board of Directors are:**

- Rich Mahoney, Director of Robotics at SRI International (President)
- Jan Becker, Senior Manager Autonomous Technology at Bosch RTC (Treasurer)
- Steve Cousins, CEO Willow Garage
- John Dulcinos, CEO Adept

Join us at SVR as a robotics startup, company, organization, individual, affiliate or partner.

**Robotics professionals:**

- free or discounted access to events
- market research
- recruitment events
- robotics news
- setting the policy agenda

**Affiliates & Partners:**

- introductions
- investor breakfast invitations
- tailored programs
- advertizing or sponsorship option
- robotics news



# Silicon Valley Robotics

Become a member

## Upcoming events 2014

- Feb 19: Investor forum @WilmerHale
- Feb 20: Network event @3D Robotics
- Feb 20: Robot Launch 2014
- Mar 27: Nightlife w Robots @Calacademy
- Apr 9: Robot Block Party @WilmerHale
- Apr 10: Xconomy @SRI International
- May 8: SUSBEXPO @Presidio
- May 21: Solid @Fort Mason
- May 30: Investor forum @WilmerHale
- June: Robots 4 Humanity tbd
- July 12: Robot Film Festival @BotnDolly

## Contact us

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