



# Self-driving cars: Talk and Q&A

*Fri. 12/3 @ 3pm in ECSW 1.XXX*

**Dr. Craig Robinson** is the tech lead for **inertial navigation at Waymo**. Craig will speak about his work at Waymo, the engineering foundations of autonomous cars, and share some advice for engineering students.



Born in South Africa, Craig earned his BS in Chemical Engineering at the University of the Witwatersrand in Johannesburg. As a Fullbright scholar he received his MS and PhD in Control Systems & Robotics from the University of Illinois, Urbana-Champaign working with Francesco Bullo and P.R. Kumar.

Craig has worked on a variety of controls projects, including

- Vehicle-to-Vehicle DSRC wireless communication at Mercedes Benz Research and Development, North America,
- Fleetwide monitoring, testing, and control of backup power for Google datacenters,
- Large-scale pose estimation of imagery and the "Trekker" backpacks for Street View.

**Following the session Craig will be available until 4:30pm for follow up discussions**