

Mega-Trends

- Individualization of Products
- Aging of Society
- Transformation in business models (B2B & B2C)



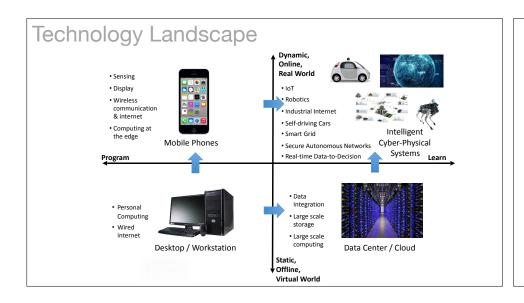


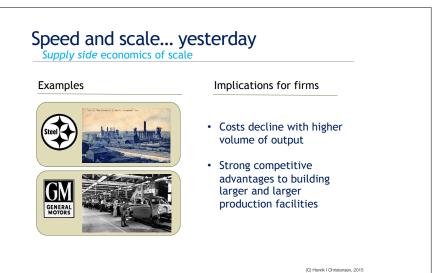




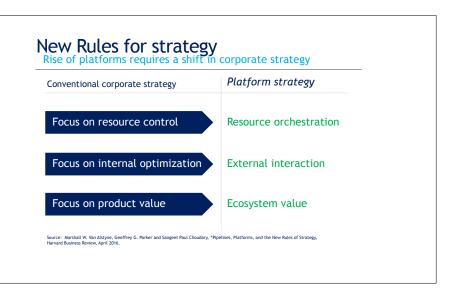


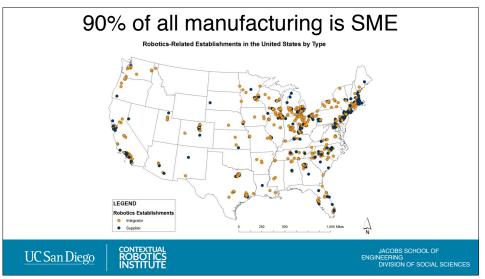










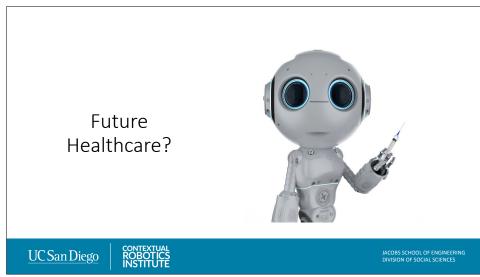


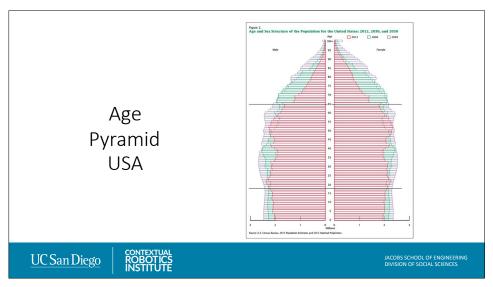


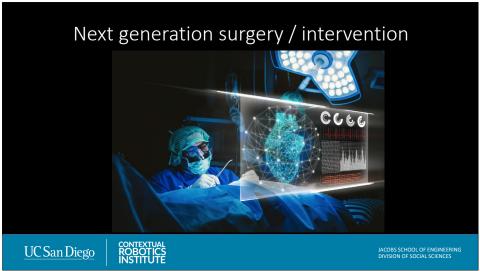






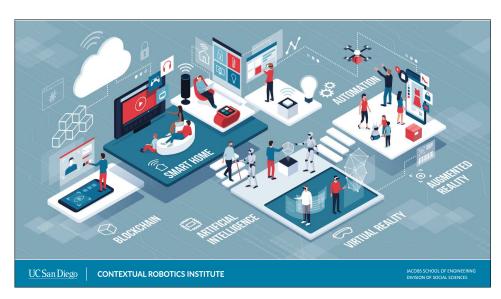






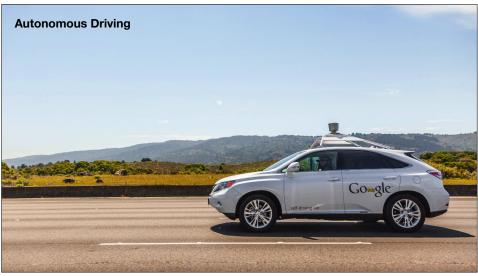


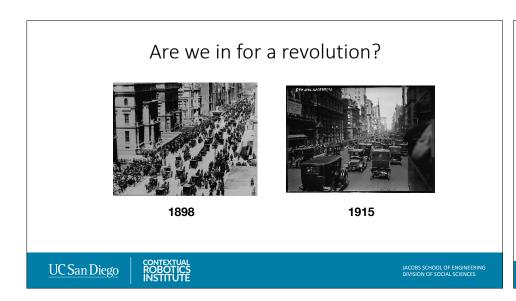


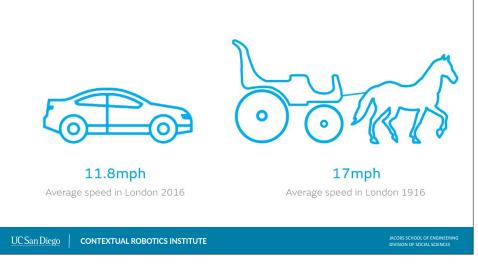








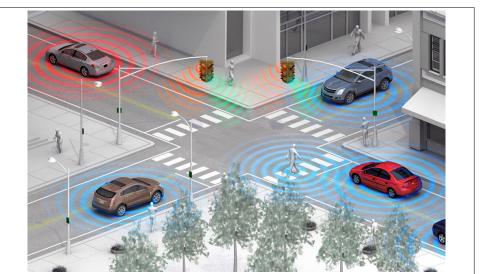


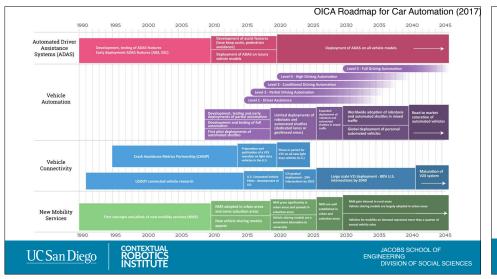


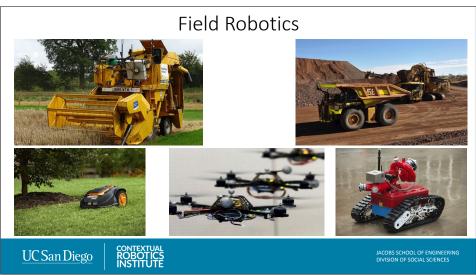


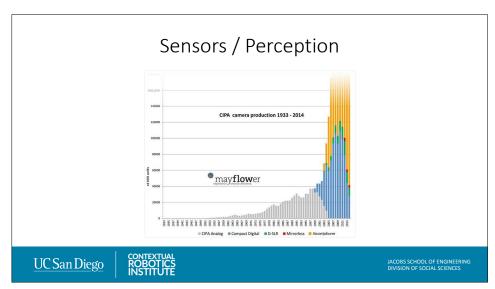


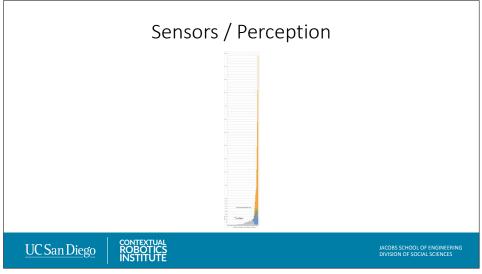


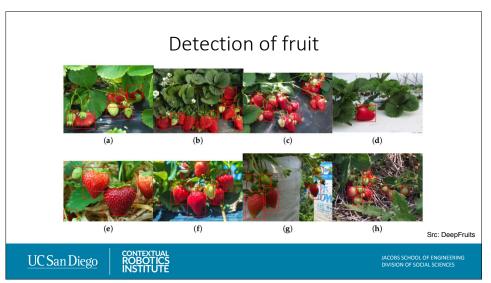










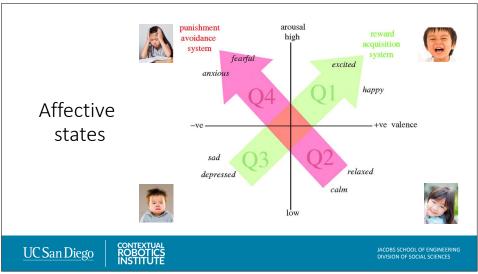




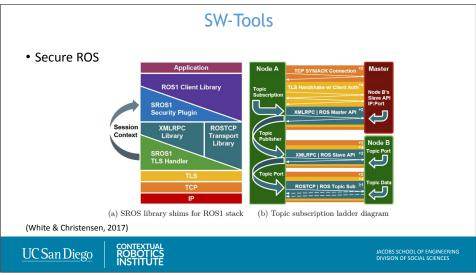


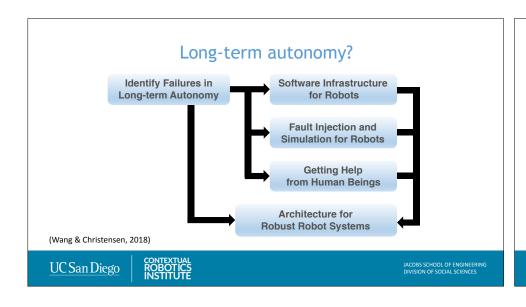












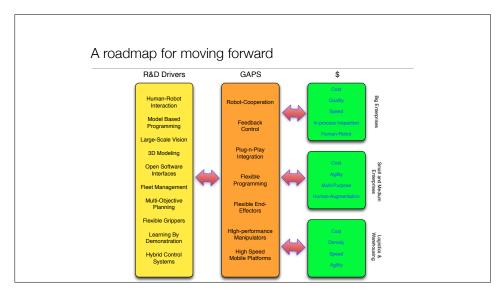
Roadmap Outline

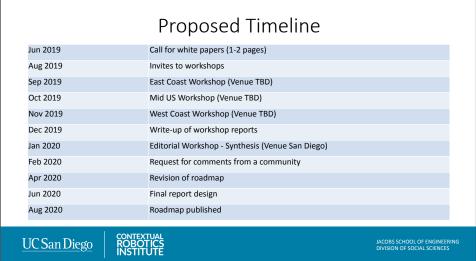
- Introduction
- Manufacturing & Logistics
- Service Robotics
- Healthcare Robotics
- Security & Defense
- Robot Science
- Societal, Ethical and Policy Implications

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Summary

- Industry in general is undergoing a major transportation
 - Mass Customization, Individual serving, B2C
- New technologies in communication (5G, SatCom, ...)
- AI / ML is permeating most aspects of robotics
- Business cases are maturing

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