Introduction to
Self-Driving Car

Overview

- **Introduction to self-driving car**

- **What is Automation**

- **Levels of Automation**

- **Knowledge of Hardware & Software**

- **Typology of self-driving car**

- **Perception analysis of automated systems**

- **Decisions making and actions**

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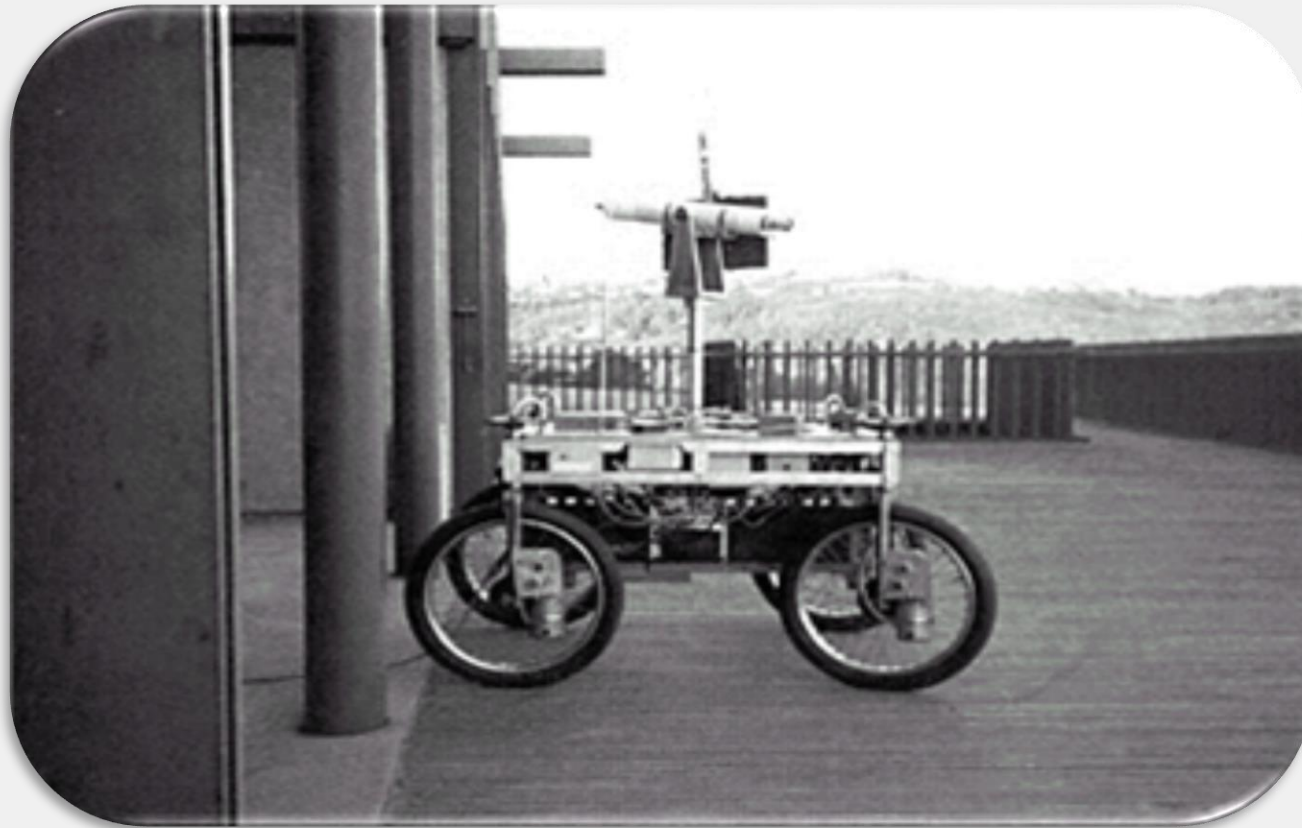- Decisions making and actions

- SDC
- Background
- Innovation

Overview

- **First Self-Driving Car, 1939**

Source: https://en.wikipedia.org/wiki/History_of_self-

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- **Moon Surface Drivable Car, 1961**

Source : http://cyberneticzoo.com/tag/james-l-

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- **Navlab Self-Driving Car, 2003**

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- **Waymo Self-Driving Car, 2009**

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- **Tesla Self-Driving Car, 2012**

Source: https://www.extremetech.com/extreme/147940-google-self-driving-cars-in-3-5-years-feds-not-so-fast

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- **Google Self-Driving Car, 2013**

Source: https://www.extremetech.com/extreme/147940-google-self-driving-cars-in-3-5-years-feds-not-so-fast
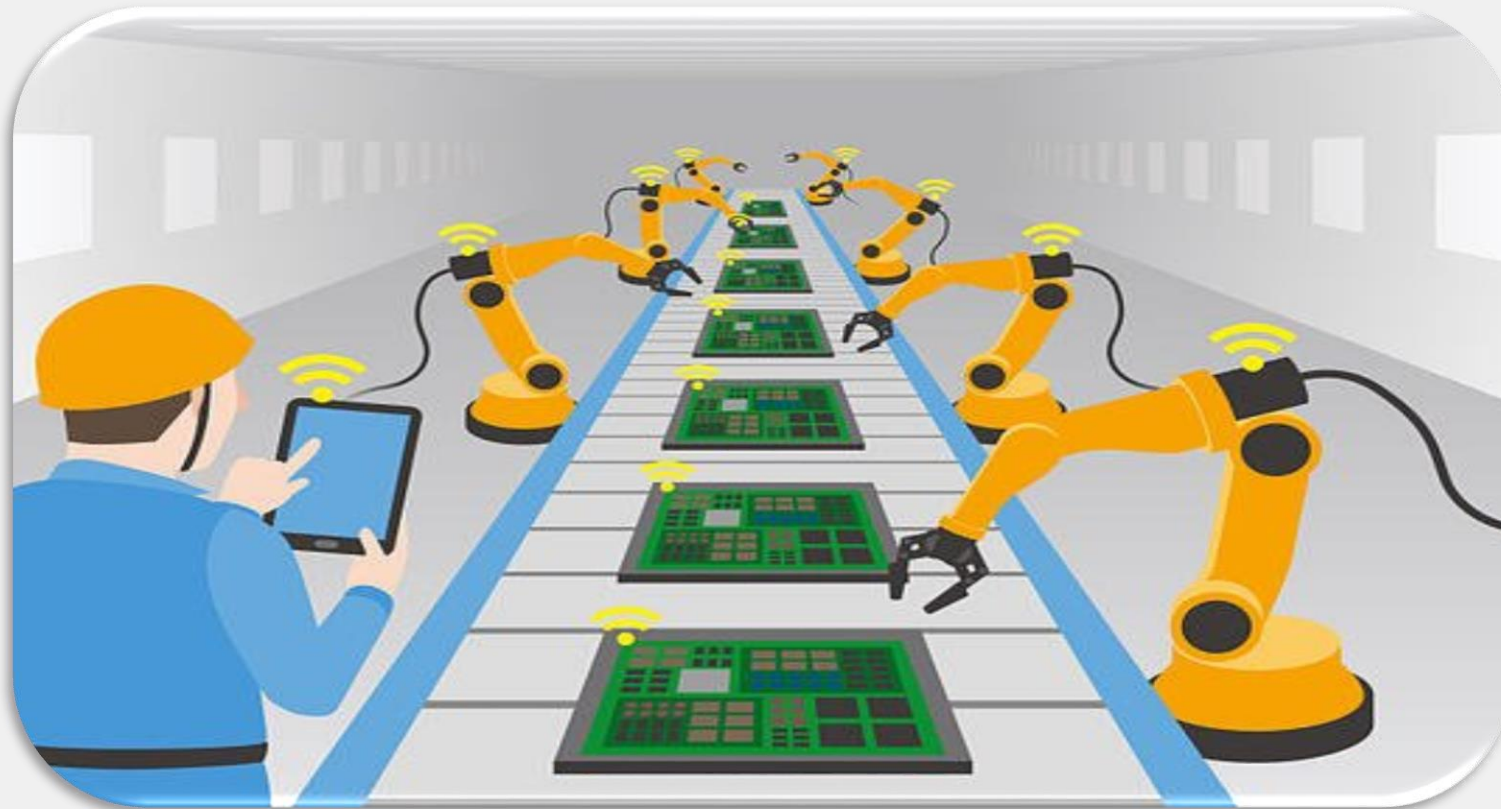
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- **Automation**
- **Comparison**

Overview

- **What is Automation**

Source: https://blog.robotiq.com/whats-the-difference-between-automation-and-robotics

Thank You