



Research on artificial intelligence

October 2018

- ▶ **BCAI** The Bosch Center for Artificial Intelligence (BCAI) was established on January 1, 2017.
- ▶ **Investment** Bosch plans to invest some 300 million euros in BCAI by 2021.
- ▶ **Associates** Some 150 people currently work at four BCAI locations worldwide.
- ▶ **Locations** Renningen, Bengaluru, Sunnyvale, Pittsburgh.

Research focus and use cases

- ▶ **Machine learning:** The focus is on machine learning; that is, recognizing patterns and contexts and exploiting these insights. This information is derived from vast amounts of data generated by sensors. Example: parking sensors.
- ▶ **Use cases:** Mobility (automated driving), connected industry (predictive maintenance), robotics.

Partnerships in the area of artificial intelligence

- ▶ **Cyber Valley** Partners from industry, academia, and government are collaborating closely in the field of artificial intelligence. The aim is to fast-track efforts to translate basic research findings into real-world applications. Bosch plans to invest 7 million euros in Cyber Valley.
- ▶ **Delta Lab** A research alliance with the University of Amsterdam. This partnership aims to facilitate the exchange and transfer of expert knowledge in the field of deep learning.
- ▶ **CMU** A research alliance with the Carnegie Mellon University (USA) that aims to facilitate the exchange in the field of robust deep learning.