

# Frontier Research

## What is Toyota's Frontier Research Center?

It is the advanced research department of Toyota Motor Corporation. We are engaged in a variety of research and development to achieve well-being for all in the future.

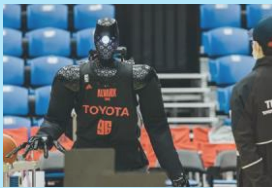
## Producing Happiness for All



**Life Sciences**



**Societal Systems**



**Robotics**



$$\begin{aligned} \text{minimize} \quad & L(x) = \sum_{o \in O} \text{Pr}(o) L(x; o) \\ \text{s. t.} \quad & \sum_{s \in S} x_{i,s} = 1 \quad \forall i \in I \\ & \sum_{i \in I} x_{i,s} \leq C_s \quad \forall s \in S \\ & x_{i,s} \in \{0, 1\} \end{aligned}$$



**Mathematical and  
Data Sciences**

## Frontier Research Center

### Established in April 2016

The Frontier Research Center was established by merging several existing departments together in April 2016, such as those researching advanced vehicles and partner robots together. The Frontier Research Center has about 360 employees (as of July 2023).

## We have four locations in Japan

Hirose Office (Toyota City, Aichi Prefecture)

Head Office (Toyota City, Aichi Prefecture)



Tokyo Head Office (Bunkyo-ku, Tokyo)

Toyota Technical Center Higashi-Fuji (Susono City, Shizuoka Prefecture)