

## **Toyota Boshoku to exhibit at the Automotive Engineering Exposition 2021 Online**

Toyota Boshoku Corporation (Global Mainstay Hub: Kariya City, Aichi Prefecture; President: Takeshi Numa) will exhibit at the Automotive Engineering Exposition 2021 Online which will be held from Wednesday, May 26th to Friday, July 30th.

At the exposition, Toyota Boshoku will provide an online introduction for seats and interior components developed to create new value in the vehicle cabin, and for a variety of environmental technologies that contribute to the realization of carbon neutrality.

Additionally, during the exposition period, we will hold online meetings for showcasing our proprietary technologies and enabling expo participants to exchange opinions with staff in charge of development. We look forward to seeing you in the meeting.

### 1. Main exhibited items

#### (1) One-motor power seat installed in new-model Yaris Cross

Power seat that enables operation of three seat mechanisms via a single motor

#### (2) Drowsiness Suppression Seat System

Gauges the level of the driver's drowsiness and suppresses drowsiness by vibration the seat, playing music, etc.

#### (3) Virus Infection Control Partition

Toyota Boshoku developed a partition that can be retrofitted to the driver's seat of a vehicle to prevent virus infection

#### (4) Introduction of implementation and utilization of driving simulator

Introduction of product evaluation using a newly-implemented driving simulator for the development of next-generation vehicle space in autonomous driving vehicles, etc.

#### (5) Environmental technology

##### 1) Lightweight natural fiber base material utilizing kenaf

Door trim base material utilizing the annual plant kenaf, which has excellent CO2 absorption

##### 2) Research on synthesizing biodegradable plastics from waste seaweed

### 2. Online meetings (Target: (1) Undergraduate/graduate students (2) general public)

Official website of Automotive Engineering Exposition 2021 Online

URL <https://aee.expo-info.jsae.or.jp/en/online/>