

To all SPring-8-related personnel:

### **Automated vehicle test runs/rides on public roads in Harima Science Garden City**

The Hyogo Prefectural Public Enterprises Agency will be conducting test runs and test rides of Self-driving microbus between Shibafu-Hiroba and the SPring-8 North Building, Small-scale EV test rides, and forum for “Smart City Labo @ Harima Science Garden City” in December. This takes aim at the practical application of new mobility service by using the technology of autonomous driving as well as local traffic accessibility. Feel free to participate in a test ride if you are interested!

From December, a traffic flow survey will also be conducted within Harima Science Garden City, including the SPring-8 campus. Please see (3) below for details.

#### **(1) Self-driving microbus test runs (on public roads)**

- Dates/times: Dec 6 (Fri) to 9 (Mon), 2019; 9:00 - 17:00
  - \* Charging Break from 13:00 - 13:40
  - \* Runs before noon on Dec 8 (Sun) are open to only guests and locals
- Route: Between Shibafu-Hiroba Parking Lot 2 and SPring-8 North Building bus stop (direct route; no stops allowed in between) and you can embark/disembark at the North Building. For round trip, you may only be able to ride one way at a time due to other SPring-8 passengers wishing to embark at the other stop on your way back.
- Eligibility: Only SPring-8 passengers are applicable (Persons with a RIKEN ID card <sup>1)</sup>, JASRI ID card <sup>2)</sup>, SPring-8 card <sup>3)</sup>, SPring-8 user card <sup>4)</sup> are all SPring-8 passengers but not Visitor card.)
- Test vehicle: modified Hino Liesse II (microbus modified for autonomous driving by Saitama Institute of Technology)
- Automation level: One driver on board with hands off the wheel
- Frequency: Round trips will depart at 40-minute intervals.
- How to participate: Bring your ID listed above <sup>1) to 4)</sup> to the passenger registration area at the North Building. You will board on a first-come, first-serve basis (no reservations). Of a total of 13 passenger seats, only 3 seats are available for the SPring-8 passengers for each ride. \*Fasten seat belt!
- Note: SPring-8 passengers are NOT allowed to board on the following dates:
  - Test runs --- Dec 3 (Tue) and 4 (Wed) 9:00 - 17:00
  - Open only to guests and locals --- Dec 5 (Thu) (9:00 – 17:00),  
8 (Sun) (9:00 - noon)

**(2) Small-scale EV test rides (cancelled in event of rain)**

- Dates/times: Dec 9 (Mon), 9:00 - 17:00  
(Two 1-hour charging breaks at 11:00 and 14:00)
- Route: Public Relations Center parking area (open to SPring-8 passengers only)
- Test vehicle: MiLee (YAMAHA Golf Car modified by Tier IV)
- Automation level: No driver on board
- Frequency: The EV will drive around the rotary in front of the Public Relations Center as requested (maximum 3 passengers per ride).
- How to participate: Bring your ID card listed above <sup>1) to 4)</sup> at the Public Relations Center. Boarding board on a first-come, first-serve basis (no reservations)
- Note: SPring-8 passengers are NOT allowed to board on the following dates:  
Test runs ---Dec 3 (Tue) at the Public Relations Center parking area  
Open only to guests and locals ---Dec 5 (Thu) – 8 (Sun) on the north side of Shibafu-Hiroba

### (3) Traffic flow survey on SPring-8 Campus

From Dec. 1, 2019 to March 25, 2021, the Hyogo prefectural government will be conducting a traffic flow survey that includes SPring-8 and the rest of Harima Science Garden City. To accurately measure how people and traffic flow within the SPring-8 campus, subcontractors hired by the Hyogo prefectural government will install multiple Wi-Fi sensors on campus and in other places within Harima Science Garden City. Any personal data (such as phone numbers or email addresses) picked up by the sensors from other devices, such as mobile phones, will be anonymized/encoded immediately, and all data will be assigned an arbitrary number so that individuals cannot be identified. If you wish not to be surveyed, please switch off Wi-Fi and Bluetooth of your device. Or if you wish to delete your data in the survey, please call Harima Machi-zukuri (Town-Building) Office at 079-58-1117.

#### (4) Others

For more details on (1), (2) written above and “Smart City Labo @ Harima Science Garden City”, please visit the website of Hyogo Prefecture.

<https://web.pref.hyogo.lg.jp/kc12/smartcity.html>

Also, the following precautions shall be taken:

- Fasten seat belt when riding on the microbus.
- Be seated deeply when riding on the EV.
- Don't disturb the operator/driver when riding on the microbus/EV.

Dec 3 Tue	4 Wed	5 Thu	6 Fri	7 Sat	8 Sun	9 Mon				
								Microbus test ride available		
								EV		
									Not available	
Approximate schedule as of Nov 28, 2019										

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