



ADVANCING  
PUBLIC  
TRANSPORT

# UITP Training Programme on New Mobility Services: MaaS, On-Demand, Autonomous Singapore, 24-26 July 2019

## PROGRAMME

### Day 1

- 09:00 Welcome by local host & Course introduction by UITP
- 09:30 Session 1A: Integrating new mobility services in urban transport  
[Jaspal SINGH, UITP]
- 10:00 Session 1B: Mobility and the City  
[Jaspal SINGH, UITP]
- 10:30 *Coffee break*
- 11:00 Session 2: Shared mobility: Car, bike & ride Sharing  
[Jaspal SINGH, UITP]
- 12.30 *Lunch*
- 13.30 Session 3: On-Demand Mobility in SE Asia  
[Jourdan HUSSEIN, GRAB]
- 15.00 *Coffee break*
- 15.30 Workshop: Shared Mobility  
[Jaspal SINGH, UITP]
- 17.00 End of day 1

### Day 2

- 9.00 Session 4: Transport Network Companies & E-hailing apps  
[Jaspal SINGH, UITP]
- 10.30 *Coffee break*
- 11.00 Session 5A: EV car sharing service: Challenges and benefits to the city's transport policy  
[Franck VITTÉ, BlueSG]
- Session 5B : Solutions and Challenges in Rise Of New Mobility from the authorities  
perspective in Asian Cities [Jaspal SINGH, UITP]
- 12.30 *Lunch*
- 13.30 Session 6: Mobility as A Service (MaaS): Concept & practice



**[Suvi SCHWAB, INIT]**

15.00 *Coffee break*

**15.30 Workshop & discussions: MaaS**  
**[Jaspal SINGH, UITP]**

17.00 End of day 2

### Day 3

**9.00 Session 7: Autonomous vehicles: A potential game changer for urban mobility**  
**[Dr Aybike Ongel and Dr Henriette Cornet, TUMCREATE]**

10.30 *Coffee break*

**11.00 Session 8: Creating a seamless urban journey: Lessons from SE Asia**  
**[Jourdan HUSSEIN, Marian PANGANIBAN, GRAB]**

12.30 *Lunch*

**13:30 Evaluation and Certificates**

**14:45 Depart from the training venue by shuttle bus provided by GRAB**

**15:30 Technical visit**  
**[CREATE Tower, TUMCREATE]**

The technical visit will be conducted with our demonstrators on:

- Which challenges are linked with the electrification of AVs?
- How to simulate the system on a city-scale level?
- How to use Virtual Reality for designing new mobility solutions?

There will be 5 "demo tables" to be discovered by the participants:

1. CityMoS: The City Scale Mobility Simulator
2. Case Study: Charging simulator for electric bus in Singapore
3. The Autonomous Electric Vehicle tool
4. AV network planning & fleet management
5. The Virtual Design Lab

17:00 End of the programme

\*UITP reserves the right to make amendments to the programme or any related activity