

Cho Chun Shik Graduate School of Mobility

Web:
<https://mo.kaist.ac.kr>

Tel: +82-42-350-1252~6

■ Introduction

Transportation is one of the main drivers for the development of civilization and provides functions of connecting people and delivering goods necessary for a high quality of life. Transportation, however, consumes a significant amount of resources and energy and takes the largest portion of greenhouse gas emission. It thus has a heavy influence on global climate change. Innovative transportation systems are desperately demanded to reduce greenhouse gas emission, save environment, and ensure sustainability of human civilization.

Cho Chun Shik Graduate School of Mobility (MO) aims to educate future leaders in the emerging fields of green transportation and develop cutting-edge technologies for transportation. This graduate school provides an interdisciplinary program which includes engineering fields (Civil and Environmental Engineering, Mechanical Engineering, Nuclear and Quantum Engineering, Electrical Engineering, etc.) and management divisions for the innovation of transportation systems.

■ Research Area

- **Eco-friendly Mobility System**
 - Electric & Hybrid Electric Vehicle
 - Wireless Power Transfer
 - E-Mobility
- **Intelligent Mobility Technology**
 - Autonomous Vehicle
 - Vehicular Communication for Cooperative Driving
- **Sustainable Mobility Technology**
 - Efficient Urban Mobility Systems
 - Shared Mobility
 - Future City Policy
 - Disaster Management