

The Cho Chun Shik Graduate School of Green Transportation

Web: <http://gt.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 green transportation systems are desperately demanded to reduce greenhouse gas emission, save environment, and ensure sustainability of human civilization.

The Cho Chun Shik Graduate School of Green Transportation (CCS GSGT) aims to educate future leaders in the emerging fields of green transportation and develop cutting-edge technologies for green 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

- **Intelligent Transportation Technology**
 - Autonomous Vehicle
 - Vehicular Communication for Cooperative Driving
- **Eco-friendly Transportation Technology**
 - Electric & Hybrid Electric Vehicle
 - Wireless Electric Transfer
 - e-Mobility
- **Sustainable Transportation Technology**
 - Efficient Urban Transportation Systems
 - Logistics Optimization
 - Future City Policy