The 3rd Summer Camp
Graduate Program for Convergence Technology of D.N.A and Road Transport

Week 1

Prof. Nina Silverstein — University of Massachusetts Boston
- An overview of aging and community mobility
- Strategies for addressing mobility challenges in later life: Enhancing community transport systems

Prof. Jennifer Oxley — Monash University
- Application of the safe system approach for managing older adults' safe mobility
- Harnessing the effectiveness of vehicle technologies for healthy and cognitively impaired older drivers

Week 2

Prof. Prateek Bansal — National University of Singapore
- Analytical data fusion approaches to update mobility patterns in real-time
- Role of neurophysiological data in preference elicitation

Prof. Qixiu Cheng — University of Bristol
- Integrated self-consistent macro-micro traffic flow modeling and calibration
- Geometry-aware car-following model construction: Theoretical modeling and empirical analysis on horizontal curves

Prof. Eung-Joo Lee — University of Arizona
- Advancing mobility with efficient deep learning
- Generative models: Applications in vision, mobility, and medicine

Prof. Elisabetta Cherchi — New York University Abu Dhabi
- Forecasting adoption and diffusion of automated vehicles
- Role of virtual reality in eliciting consumer preferences

Prof. Shimul Haque — Queensland University of Technology
- New-generation transport safety using high-resolution data, AI and econometric models
- Reflections on research and writing in transport: Insights from experience

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Date & Location
- 24th June - 4th July, 2025
- Jeju Innovation Growth Center, 330 Cheomdan-ro, Jeju-si, Jeju-do

Sponsored by
- Graduate Program for Convergence Technology of D.N.A and Road Transport
- Ministry of Land, Infrastructure and Transport
- Jeju Free International City Development Center

Host & Organizer
- Cho Chun Shik Graduate School of Mobility at KAIST
- D.N.A Plus Convergence Graduate School at Ajou University

Registration required
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