Title of Lecture: Transportation Economics（交通経済学）

Term: Fall Semester (Even year in English & Odd year in Japanese)
Date: Every Thursday, 15:05 – 16:35 PM
Credit: 1-0-0

Lecturer: Associate Professor, Dr. Daisuke FUKUDA
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Aims & Scope: This course is designed to

- Study the economic framework to analyze the supply and demand for transportation
- Study how principles of economics can be applied to evaluate the effects of transportation plans and/or policies

Textbooks/Readings (relevant chapters are uploaded on OCW-i):

- Varian, H.R. *"Microeconomic Analysis,"* Norton, 1992.
- McCarthy, P. *"Transportation Economics,"* Blackwell, 2001.
- Small, K. and Verhoef, E. *"The Economics of Urban Transportation,"* Routledge, 2007.
- Jara-Diaz, S. "*Transport Economic Theory*," Elsevier, 2007.
- Brueckner, J. "*Lectures on Urban Economics*," The MIT Press, 2011.
- Some relevant research papers.

Prior Recommendation:

- Some chapters in the above-mentioned books are recommended to be studies prior to each class (announced by email). The lectures will be done based on this preparation.
- Several research papers related to each class topic will be circulated in advance and strongly recommended to be read prior to each class.

Grading: Assignments (40%), Final Exam (60%)

Course Schedule:

Class	Date	Topics
1	2, Oct.	Introduction of Economic Theory for Transportation Studies
2	9, Oct.	Transportation Demand: Case of Divisible Goods
3	16, Oct.	Transportation Demand: Case of Discrete Goods
4	23, Oct.	Firm Production and Cost in Transportation
5	30, Oct.	Congestion Pricing: Theory and Practice
6	27, Nov.	Emergence of Cities and Agglomeration
7	4, Dec.	Land Use Pattern in a City: Urban Spatial Structure
8	11, Dec.	Final Exam