Yuki Oyama

Personal Data

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Work Experience

since 04/2021	**Associate Professor** Shibaura Institute of Technology
04/2020–03/2021	**Assistant Professor** Shibaura Institute of Technology
10/2019–03/2020	**Project Assistant Professor** Research Center for Advanced Science and Technology (RCAST), The University of Tokyo
10/2017–09/2017	**Research and Teaching Associate** Transport and Mobility Laboratory (TRANSP-OR), École Polytechnique Fédérale de Lausanne (EPFL)
04/2017–09/2017	**Research Fellow (PD)** Japan Society for the Promotion of Science (JSPS), Tokyo Institute of Technology
04/2014–03/2017	**Research Fellow (DC1)** Japan Society for the Promotion of Science (JSPS), The University of Tokyo

Scientific Education

03/2017	Ph.D in Engineering Department of Urban Engineering, The University of Tokyo
03/2014	M.Sc. in Engineering Department of Urban Engineering, The University of Tokyo
03/2012	B.Sc. in Engineering Department of Urban Engineering, The University of Tokyo

Publications

Oyama, Y. (2023) Capturing positive network attributes during the estimation of recursive logit models: A prism-based approach. *Transportation Research Part C: Emerging Technologies* **147**: 104014.

Parady, G., Suzuki, K., **Oyama, Y.**, Chikaraishi, M. (2023) Activity detection with Google Maps Location History data: factors affecting joint activity detection probability and its potential application on real social networks. *Travel Behaviour and Society* **30**:344-357.

Oyama, Y., Hara, Y., Akamatsu, T. (2022) Markovian traffic equilibrium assignment based on network generalized extreme value model. *Transportation Research Part B: Methodological* **155**: 135-159.

Oyama, Y., Hato, E. (2019) Prism-based path set restriction for solving Markovian traffic assignment problem. *Transportation Research Part B: Methodological* **122**: 528-546.

Oyama, Y., Hato, E. (2018) Link-based measurement model to estimate route choice parameters in urban pedestrian networks. *Transportation Research Part C: Emerging Technologies* **93**: 62-78.

Oyama, Y., Hato, E. (2017) A discounted recursive logit model for dynamic gridlock network analysis. *Transportation Research Part C: Emerging Technologies* **85**: 509-527.

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