

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. (accepted) Capturing positive network attributes during the estimation of recursive logit models: A prism-based approach. *Transportation Research Part C: Emerging Technologies*. [\[arXiv preprint\]](#)

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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