

# Keigo Kusumegi

Email: [kusukun7@gmail.com](mailto:kusukun7@gmail.com),

[s2120431@s.tsukuba.ac.jp](mailto:s2120431@s.tsukuba.ac.jp)

Phone: (+81) 90-9797-3828

## EDUCATION

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**University of Tsukuba** (Ibaraki, Japan)  
Master Programs in Policy and Planning Sciences  
Expected graduation dates: 03/2023

*April 2021 – Current*

**University of Tsukuba** (Ibaraki, Japan)  
Bachelor of Science, GPA: 3.47/4.3  
College of Policy and Planning Sciences  
Thesis: Academic world from the perspective of acknowledgement networks and reciprocity  
Adviser: Assistant Professor Yukie Sano

*April 2017 – March 2021*

## EXPERIENCE

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**g-RIPS (Graduate-level Research in Industrial Projects for Students - Sendai)**

International research program hosted by the Tohoku Univ. and UCLA.  
Project theme: Optimization of wireless base station placement as an essential foundation for our future IoT society.

Online & Sendai, Japan  
*June 2021 – August 2021*

**Internship, Optim.inc**

R&D Summer Internship at Optim.inc  
Intern theme: CNN-based crowd counting

Online  
*September 2020 – October 2020*

**Student Supports for conference**

Student staff for the international conference NetSciX Tokyo, Japan

Tokyo, Japan  
*January 2020*

**International Exchange Student**

Tsukuba Trans-Pacific Human Capital Development Program International Exchange Program

Guadalajara, Mexico  
*August 2018 – July 2019*

**Teaching Assistant**

- Introduction to Programming (2021 Fall)
- Introduction to Quantitative Economics (2021 Fall)
- Seminar in Social and Economic: Quantitative Systems Analysis Area (2021 Spring)

## HONORS & AWARDS

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**Invited talk**

Invited talk as the former poster winner at 16<sup>th</sup> Network Ecology Symposium

*March 2022*

**Nakagawa Ikueikai Scholarship**

A Scholarship by Nakagawa Scholarship Foundation for 2 years.  
This scholarship was offered to a few outstanding candidates in the Department of Systems and Information Engineering, University of Tsukuba.

*April 2021 – March 2023*

**Best Poster Award***March 2021*

Award for the best poster presenter in the Network Ecology symposium 2021

**SAS AWARD***December 2019*

Award for the best solution proposed group in the class of Seminar on Management Science. We proposed a model for demand predictions of pharmacy productions.

**Scholarship from Japan Society for The Promotion of Science***August 2018 – July 2019*

A scholarship for international exchange program of Inter-university exchange project for 1 year

**PUBLICATIONS**

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- **Kusumegi Keigo**, and Yukie Sano. 2021. “Citations and Gender Diversity in Reciprocal Acknowledgement Networks.” *arXiv [physics.soc-Ph]*. arXiv. <http://arxiv.org/abs/2104.01729>.

**CONFERENCES**

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1. **17<sup>th</sup> Network Ecology Symposium**  
Online / March 2<sup>nd</sup>, 2022  
Invited talk (Japanese): Construction and Structure of Scholar Acknowledgement Network  
(Japanese title: 学術論文における謝辞ネットワーク構築と構造)
2. **Complex Networks 2021**  
Online / November 3<sup>rd</sup> - December 2<sup>nd</sup>, 2021  
Lightning talk (English): Empirical Analysis of Acknowledgment Network and Citation
3. **Early Career Speak**  
Tokyo, Japan / August 2<sup>nd</sup> - 3<sup>rd</sup>, 2021  
Oral presentation (English): Academic World from Acknowledgement Network Analysis
4. **IC2S2: 7<sup>th</sup> International Conference on Computational Social Science**  
Online / July 27<sup>th</sup> - 31<sup>st</sup>, 2021  
Poster (English): Citation and Gender Diversity in Research Acknowledgement Networks With Reciprocity"
5. **Networks 2021: A Joint Sunbelt and NetSci Conference**  
Online / July 5<sup>th</sup> - 10<sup>th</sup>, 2021  
Oral presentation (English): Citation and gender diversity in reciprocal acknowledgement networks
6. **16<sup>th</sup> Network Ecology Symposium (Best poster award)**  
Online / March 1<sup>st</sup>, 2021  
Poster (Japanese): Citation networks and gender diversity in reciprocal acknowledgement networks  
(Japanese title: 互恵の謝辞ネットワークに見える引用ネットワークと Gender Diversity )
7. **7<sup>th</sup> Service Engineering Symposium**  
Online / February 12<sup>th</sup>, 2021

Poster (Japanese): The relationships between citation and reciprocity in acknowledgement networks

(Japanese title: 謝辞ネットワークに現れる互惠関係と引用数の関係)

**8. Network Seminar 2020**

Online / December 17<sup>th</sup> – 18<sup>th</sup>, 2020

Poster (Japanese): Emergence of reciprocity in research acknowledgements networks and that impact on citation

**9. 7<sup>th</sup> Satellite on Quantifying Success 2020**

Online / September 17<sup>th</sup>, 2020

Oral presentation (English): Emergence of reciprocity in research acknowledgement network

## **CODING LANGUAGES**

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- Python
- R