

Kyosuke Tanaka

CONTACT INFORMATION	Fuglesangs Allé 4 Building 2628, M320 8210 Aarhus V, Denmark	Email: kyosuke@mgmt.au.dk Website: kyosuketanaka.com / Google Scholar X: @ktanaka086
APPOINTMENT	Postdoctoral Fellow Aarhus University, Denmark	2021-Present
EDUCATION	Ph.D. in Media, Technology, and Society Northwestern University, USA	2015-2021
	M.S.R. (Advanced) GradCert in Social Research Australian National University, Australia	2013-2015
	Cert in International Business Professions Bellevue College, USA	2010-2011
	B.A. in Business and Commerce Keio University, Japan	2006-2010
PUBLICATIONS	Peer-reviewed Articles <ol style="list-style-type: none">Tanaka, K., & Vega Yon, G. G. (2024). Imaginary network motifs: Structural patterns of false positives and negatives in social networks. <i>Social Networks</i>, 78, 65-80.Tanaka, K., DeChurch, L. A., & Contractor, N. S. (2020). The impact of network acuity on information sharing under communication delays in space multiteam systems. <i>Proceedings of the International Astronautical Congress</i>.Tanaka, K., & Horvát, E-Á. (2019). (Un)intended consequences of networking in individual and network-level efficiency. <i>Applied Network Science</i>, 4(77).Tanaka, K., & Horvát, E-Á. (2018). Networking strategies and efficiency in human communication networks. <i>Proceedings of 7th International Conference on Complex Networks and their Applications, COMPLEX NETWORKS 2018</i>, 258-270.	
	Report <ol style="list-style-type: none">Ackland, R., & Tanaka, K. (2015). Development impact of social media. <i>WDR 2016 Background Paper</i>.	
	Work in Progress <ol style="list-style-type: none">Tanaka, K., Zhang, K., Foote, J., Lee, S., & French, D. C. (<i>under review</i>). Bullying network perceptions.Tanaka, K., Håkonsson, D. D., & Larsen, E. R. (<i>in preparation</i>). Information structures and predictive knowledge.Guo, J., & Tanaka, K. (<i>in preparation</i>). Communication structure and meta-knowledge updating.Tanaka, K., Vega Yon, G. G., Shin, J., & Methot, J. M. (<i>revise & resubmit</i>). Multiplex workplace relationships.Tanaka, K., & Contractor, N. S. (<i>in preparation</i>). Network acuity and awareness.	
GRANTS & AWARDS	Research Funding <ol style="list-style-type: none">IMC Seed Funding <i>Communication structure and transactive memory systems updating</i> (PI with Jerry Guo) Awarded Amount: 73,806 DKK (~US\$10,000)SICSS Chicago Project Funding <i>Structure and dynamics of package ecosystems</i> (Co-PI with Yian Yin & Igor Zakhlebin) Awarded Amount: US\$1,973.76	2022 2018

Honors & Awards

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| 10. | Best of the B.E.S.T. (Brief Entertaining Scholarly Talks) Award in OC Division at Annual Conference of International Communication Association (US\$100) | 2022 |
| 9. | Top Paper Award in CM Division at Annual Conference of International Communication Association | 2022 |
| 8. | OCIS Doctoral Consortium at Academy of Management Annual Conference (US\$1,001.27) | 2019 |
| 7. | SYNS Symposium Ph.D. Scholarship Award (US\$475) | 2017 |
| 6. | WWSSS 2016 Travel Grant (EUR600) | 2016 |
| 5. | Top 6 Case Competition Finalists at People Analytics Conference | 2016 |
| 4. | Best Entry Prize in the Honors/Master/GradDip category of the 2013 Borrie Prize | 2014 |
| 3. | ICC Scholarship (AUS\$2,000) | 2013 |
| 2. | Tempstaff Youth International Scholarship (US\$2,000) | 2010 |
| 1. | Participant Special Award at SPSS Directions Japan | 2008 |

PRESENTATIONS ***Invited Talks***

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| 11. | <i>Patterns of interaction</i>
Danfoss Data Analytic Forum, Denmark (Virtual) | 2024 |
| 10. | <i>Measuring patterns of interaction in hybrid work arrangements</i>
Patterns of Interaction Workshop, Denmark | 2023 |
| 9. | <i>Communication structures, knowledge distribution, and meta-knowledge updating</i>
IMC Tuesday Seminar at IMC, Aarhus University, Denmark | 2023 |
| 8. | <i>How relational affect impacts coordination misalignment in an organization</i>
Human Dynamics Group at MIT Media Lab (Virtual) | 2022 |
| 7. | <i>Network perspective in effective coordination</i>
Decision Science Seminar Series at National University of Colombia, Medellín, Colombia | 2022 |
| 6. | <i>How relational affect impacts coordination misalignment in an organization</i>
Network Science and Social Network Analysis at the University of Utah (Virtual) | 2022 |
| 5. | <i>Positional and dispositional factors that predict who commits routing errors and who learns from them</i>
School of Information Studies at Syracuse University, Syracuse, NY | 2020 |
| 4. | <i>The dynamics of network awareness</i>
Waseda University, Tokyo, Japan | 2020 |
| 3. | <i>How dispositional and positional factors affect an individual's ability to efficiently route messages in a network</i>
NICO Lightning Talks at Northwestern Institute on Complex Systems, Evanston, IL | 2019 |
| 2. | <i>Harnessing network awareness and activation</i>
Lightning Talk at Symposium for the Society of Young Network Scientists, Indianapolis, IN | 2017 |
| 1. | <i>A mask tells us more than a face: Self-disclosure and network formation in an online community</i>
CSIRO, Canberra, Australia | 2014 |

Refereed Conferences

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| 11. | <i>Influence structures and endogenous coordination</i> (with Dorthe Døjbak Håkonsson & Erik Reimer Larsen)
Annual Meeting of the Academy of Management | 2024 |
| 10. | <i>Bullying network perceptions</i> (with Keqin Zhang, Jeremy Foote, Seungyoon Lee & Doran French)
Sunbelt Conference of the International Network for Social Network Analysis | 2024 |

9. *Multiplex workplace relationships* (with George Vega Yon & Jessica Methot)
Sunbelt Conference of the International Network for Social Network Analysis 2024
8. *Communication networks, knowledge specialization, and transactive memory system updating* (with Jerry Guo)
Annual Meeting of the Academy of Management 2024
European Group for Organizational Studies Colloquium 2024
7. *Errors of omission and commission in communication networks* (with Robert Krause, Leslie DeChurch & Noshir Contractor)
Sunbelt Conference of the International Network for Social Network Analysis 2024
Annual Meeting of the Academy of Management 2022
Annual Conference of International Communication Association 2018
Organizational Communication Mini Conference 2017
6. *Network and processing errors in information sharing* (with Leslie DeChurch & Noshir Contractor)
Annual INGRoup Conference 2022
5. *Knowing is not enough: How network awareness and acuity are associated* (with Noshir Contractor)
Annual Conference of International Communication Association 2022
* B.E.S.T. Award
Networks 2021
4. *Imaginary network motifs: Structural patterns of false positives and negatives in social networks* (with George Vega Yon)
Annual Conference of International Communication Association 2022
* Top Paper Award
3. *Effect of crew composition and communication delay on network routing performance in spaceflight multiteam systems* (with Annie Chen, Leslie DeChurch & Noshir Contractor)
Networks 2021
NASA Investigators' Workshop 2020
2. *Positional and dispositional factors that predict who commits social network routing errors and who learns from them* (with Leslie DeChurch & Noshir Contractor)
Organizational Communication Mini Conference 2020
International School and Conference on Network Science 2020
Sunbelt Conference 2020
1. *Networking strategies at the trade-off between individual and system-level efficiency* (with Ágnes Horvát)
Annual Conference of International Communication Association 2019
Annual Conference on Complex Networks 2018

TEACHING***Aarhus University***

17. Guest Lecturer: Neuroscience for Business (M.S.) by Brandi Morris & Marco Hubert Fall2024
16. Guest Lecturer: Organization Design and Change (M.S.) by Dorthe Døjbak Håkonsson & Erik Reimer Larsen Summer2024
15. Guest Lecturer: Neuroscience for Business (M.S.) by Brandi Morris & Marco Hubert Fall2023

Northwestern University

14. Teaching Assistant: Persuasive Images: The Rhetoric of Popular Culture (undergraduate) by Irving Rein (TA evaluation 4.67/6) Winter2021
13. Teaching Assistant: Leading into the Future in Kellogg Exec Training by Noshir Contractor Fall2020
12. Teaching Assistant: Social Network Analysis (Ph.D.) by Noshir Contractor (TA evaluation 5.91/6) Fall2020
11. Guest Lecturer: Network Exercise "Six Degrees of Separation" in Social Network Analysis (undergraduate) by Noshir Contractor Summer2020

10. Teaching Assistant: Social Network Analysis (undergraduate) by Noshir Contractor (TA evaluation 5.68/6) Spring2020
9. Teaching Assistant: Social Network Analysis (Ph.D.) by Noshir Contractor (TA evaluation 5.98/6) Fall2019
8. Guest Lecturer: Network Exercise “Six Degrees of Separation” in Social Network Analysis (M.S. in Analytics) by Noshir Contractor Fall2019
7. Guest Lecturer: Network Exercise “Six Degrees of Separation” in Social Network Analysis (undergraduate) by Noshir Contractor Spring2019
6. Guest Lecturer: Network Exercise “Six Degrees of Separation” in Executive Training (Kellogg EMBA) by Noshir Contractor Spring2018
5. Teaching Assistant: Social Network Analysis (undergraduate) by Noshir Contractor (TA evaluation 5.29/6) Spring2017

Canberra Japanese Supplementary School Inc.

4. Primary School Teacher: Japanese and Math (six grade) 2014-2015

Workshops

3. Antone, B., **Tanaka, K.**, & Contractor, N. S. Interactive tools and teaching methods for motivating social network thinking. Sunbelt Conference of the International Network for Social Network Analysis, Edinburgh, Scotland, June 24-30. 2024
2. Antone, B., **Tanaka, K.**, Gómez-Zarà, D., Wu, Y. J., Suscheveskiy, V., & Contractor, N. S. Interactive tools and teaching methods for motivating social network thinking. Sunbelt Conference of the International Network for Social Network Analysis, Portland, OR, June 26-July 1. (online and in-person) 2023
1. Contractor, N. S., **Tanaka, K.**, Krackhardt, D., & Gado, H. 6 Degrees of Separation (6-DoS): An online tool for teaching and research. Sunbelt Conference of the International Network for Social Network Analysis, Paris, France, June 2-7. (Conference canceled) 2020

MENTORING

Aarhus University

17. Mattis Lund (B.S.; thesis mentor) 2023-Present
16. Magnus Severin (B.S.; thesis mentor) 2023-Present

Northwestern University

15. Akshya Dhinakaran (B.A.; co-thesis advisor) 2022-2023
14. Xiangheng (Annie) Chen (B.A.) 2021
13. Aida Baimenova (B.S.) 2020
12. Yunejung Park (B.A.) 2019-2020
11. Melissa Chi (B.S.) 2019
10. Ziyue (Allen) Xu (B.A.) 2019
9. Neil Vakharia (B.S.) 2019
8. Matthew Nicholson (B.A.; co-thesis advisor) 2018-2019
7. Rachel Gradone (B.S.) 2017-2019
6. Nadia Ennab (B.A.) 2018
5. Sidhartha Jha (B.S.) 2017-2018
4. Kate Kim (B.S.) 2017
3. Cameron Witz (B.S.) 2017
2. Jeremy Piech (B.S.) 2016-2017
1. Mo Ran (B.S. & B.A.) 2016-2017

SERVICE

Reviewing

Annual Meeting of the Academy of Management

Annual Conference of the International Communication Association

Annual Interdisciplinary Network for Group Research Conference

Co-Organizer

Patterns of Interaction Workshop	2023
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Conference Volunteer

Annual Conference of the International Communication Association	2022
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Virtual Sunbelt	2020
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International Conference on Computational Social Science (IC ² S ²)	2016 & 2018
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Organizational Communication Mini Conference	2016
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InfoSocial Graduate Research Conference	2016
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EXPERIENCE

Graduate Assistant	2015-2021
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Northwestern University, USA

SONIC Research Group

Research Assistant	2014-2015
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Australian National University, Australia

VOSON Lab

Independent Consultant	2012-2013
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Appen, Japan

Intern	2011
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Hyogo Business and Cultural Center, USA

MEMBERSHIPS

Academy of Management

International Communication Association

International Network for Social Network Analysis