

## Daisuke Adachi

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**Webpage:** <https://daisukeadachi.github.io/>

**Research Interest:** International Trade, Labor Economics

### Affiliation:

Aarhus University, Associate professor, June 2025-Present  
Aarhus University, Assistant professor, August 2022-May 2025  
Aarhus University, Post-doctoral fellow, August 2021-July 2022  
RFBerlin, Research affiliate, November 2025-Present  
UTEcon, Advisor, 2022-Present  
Research Institute of Economy, Trade, and Industry (RIETI), Specially Appointed Fellow, 2020-Present

### Education:

Ph.D., Economics, Yale University, 2021  
Dissertation Title: *Essays in Automation and Globalization*  
M.A., Economics, University of Tokyo, 2015  
B.A., Economics, University of Tokyo, 2013

### Publications and Accepted Papers:

“Multinational Production and Labor Share” with Yukiko U. Saito, 2025, *Accepted by the Review of Economics and Statistics*.

Daisuke Adachi. (2025). Elasticity of Substitution between Robots and Workers: Theory and Evidence from Japanese Robot Price Data. *Journal of Monetary Economics.* 2025, <https://doi.org/10.1016/j.jmoneco.2025.103782>

Ataru Igarashi, Cillian Copeland, Nikos Kotsopoulos, Riku Ota, Silvia Capucci, and Daisuke Adachi. (2024). Assessing the Fiscal Burden of Overweight and Obesity in Japan through Application of a Public Economic Framework. *Journal of Health Economics and Outcomes Research,* 2024, Nov 4;11(2):125-132. <https://doi.org/10.36469/001c.123991>

Daisuke Adachi, Daiji Kawaguchi and Yukiko U. Saito. (2024). Robots and Employment: Evidence from Japan, 1978-2017. *Journal of Labor Economics*, 2024 42:2, 591-634. <https://doi.org/10.1086/723205>

Daisuke Adachi, Hiroyuki Nakata, Yasuyuki Sawada, and Kunio Sekiguchi. (2023). Adverse Selection and Moral Hazard in Corporate Insurance Markets: Evidence from the 2011 Thailand Floods. *Journal of Economic Behavior & Organization*, 2023, 205, 376-386. <https://doi.org/10.1016/j.jebo.2022.11.027>

**Working Papers:**

“When Offshoring Threatens Jobs: Lifelong Education and Occupation Choice,” joint with Lars Skipper, *Revision requested by the Journal of Labor Economics*.

“Commuting Zones in Japan” with Taiyo Fukai, Daiji Kawaguchi, and Yukiko U. Saito, 2020, *Revision requested by the Japanese Economic Review*.

“Employers’ Unilateral Settlement of Dismissal Disputes” with Ryo Kambayashi and Kohei Kawaguchi, 2025.

**Works in Progress:**

“Monopsony in a Two-sided Matching Market,” joint with Suk Joon Son and Shintaro Yamaguchi.

“Rails, Risks, and Resilience: A Dynamic Spatial Equilibrium Model with Natural Disaster Risks.”

“Robots on Sale: The Effect of Investment Promotion on Robot Adoption and Employment,” joint with Daiji Kawaguchi and Yukiko U. Saito.

**Teaching:**

*Aarhus University*

International Economics, Master level (Fall 2024, 2022, 2021)

Labor Economics, Master level (Fall 2021)

International Trade, Bachelor level (Fall 2024)

International Labor Markets, Bachelor level (Spring 2025, 2024, 2023, 2022)

**Selected Fellowships, Honors, and Awards:**

Carlsberg Foundation, Semper Ardens Accelerate, “Automation and Skill Development in the Global Economy.” DKK 6,280,559. 2026-2030.

AUFF NOVA, “Decoding Human Capital Investments: The Role of Firm-Specific Training in Career Development.” DKK 526,527. 2026-2027.

Independent Research Fund Denmark, DFF-Research Project 1 “Decoding Human Capital Investments: The Role of Firm-Specific Training in Career Development.” DKK 1,706,364. 2025-2027.

PIREAU seed funding – “Labor market transformations and inequality,” Aarhus University. DKK 72,000. 2024.

Japan Society for the Promotion of Science “Kakenhi” Grant-in-Aid for Early-Career Scientists “The Impact of Robotization on Occupational Wage Inequality” (23K12498). 2023-Present.

Invited Participant, 7th Lindau Nobel Laureate Meetings on Economic Sciences. 2022.  
Richard J. Bernhard Fellowship Fund, Yale University. 2016-2019.

**Departmental Service:**

CEFAU Seminar Organizer, Aarhus University. January 2026 – Present.

FIND Seminar Organizer, Aarhus University. August 2022 – December 2025.

Organizer for Workshop on the Impact of Automation on Labor Markets, 2025 (expected).  
ChatGPT Taskforce, Aarhus University. June 2023 – February 2024.

**Programming Languages:**

Python, R, MATLAB, Stata (advanced).

Fortran, Julia, Mathematica, SAS, SQL (intermediate).

**Languages:** English (fluent), Japanese (native), Danish, Mandarin Chinese (basic).

**Date of Birth:** August 4, 1990.