



PARTNERSHIP ON AI

Towards Implementing the Report's Recommendations

Katya Klinova

Two (Favorite) Recommendations

- “Open up labor law to allow innovation in new forms of representation in workplace and corporate decision-making and governance.”
- “The country needs to commit to an innovation agenda that is targeted toward creating social benefits and augmenting (rather than replacing) workers.”

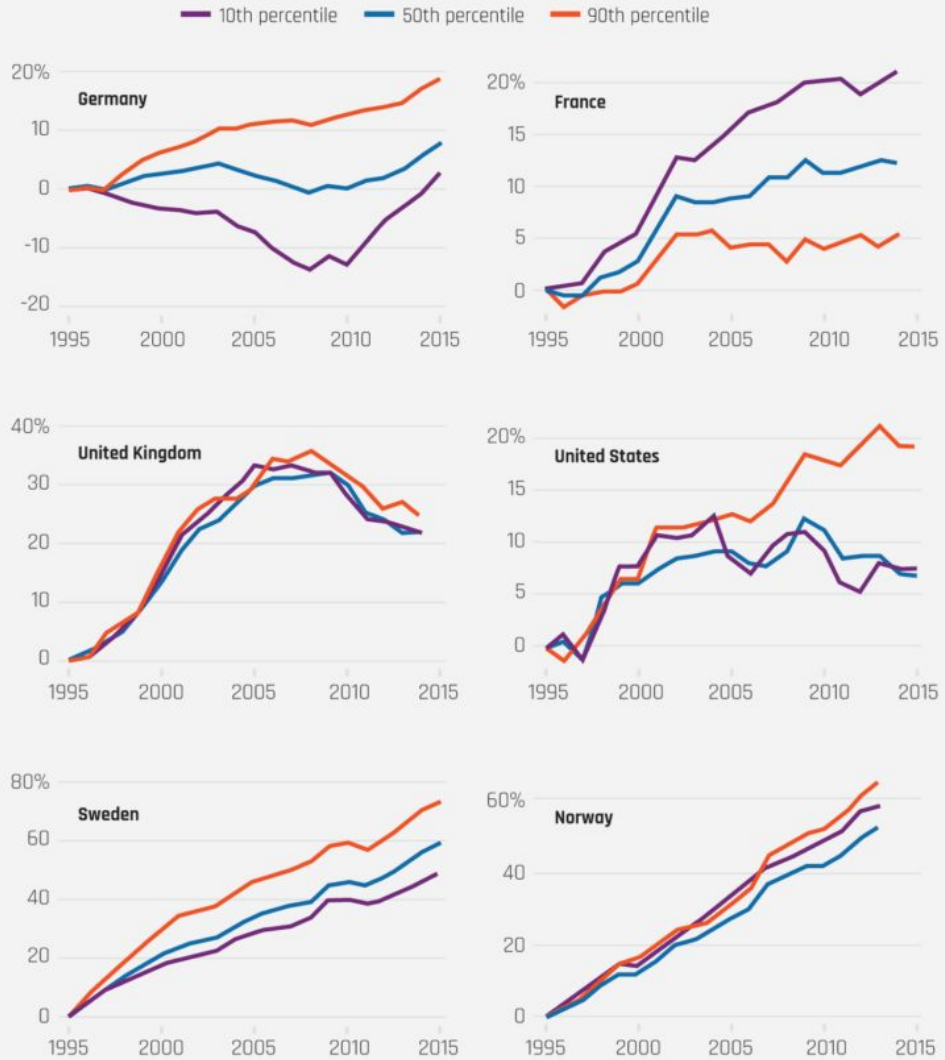
Autor, D., Mindell, D. and Reynolds, E., 2020. The Work of the Future: Building Better Jobs in an Age of Intelligent Machines. MIT Work of the Future. 2020.

Worker Representation:

How To Ensure It When Tech Companies
Impact Workers They Don't Employ

Wage growth across the earnings distribution in select OECD economies

Evolution of the 10th, 50th, and 90th percentiles of the wage distribution in the United States, compared with Germany, France, the United Kingdom, Sweden, and Norway, 1995-2015



Source: Alice Kügler, Uta Schönberg, and Ragnhild Schreiner, "Productivity growth, wage growth and unions" (Frankfurt: European Central Bank, 2018).

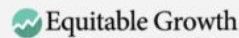
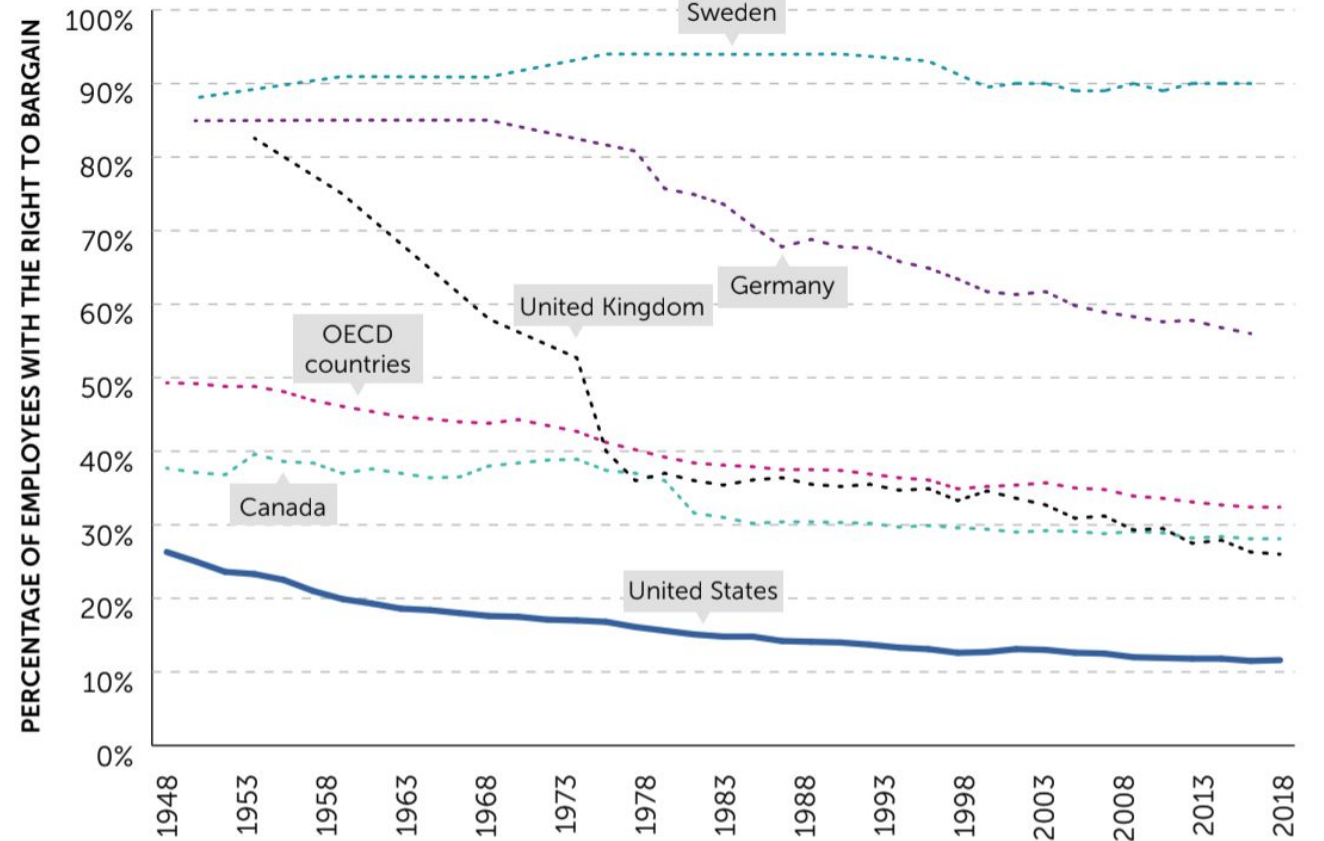




Figure 13. Share of Workers Covered by Collective Bargaining in OECD Countries, 1979-2017



Source: OECD.Stat: Collective bargaining coverage. ICTWSS database version 6.0 (June 2019).

Marriott Hotel Strikers Set a New Industry Standard

December 20, 2018 / Samantha Winslow

 login or register to comment  enlarge or shrink text

 Share 1504  Tweet 32  Like 88

[Post a Comment](#)





Thousands of hotel workers in seven cities struck at the same time under the same banner: "One job should be enough." Photo: UNITE HERE Local 5

“Now if Marriott plans to bring in new technology or automation, it has to give 165 days’ notice and bargain over the changes. Affected workers are entitled to be retrained—either to work with the technology or for new positions.”

Marriott Hotel Strikers Set a New Industry Standard

December 20, 2018 / Samantha Winslow

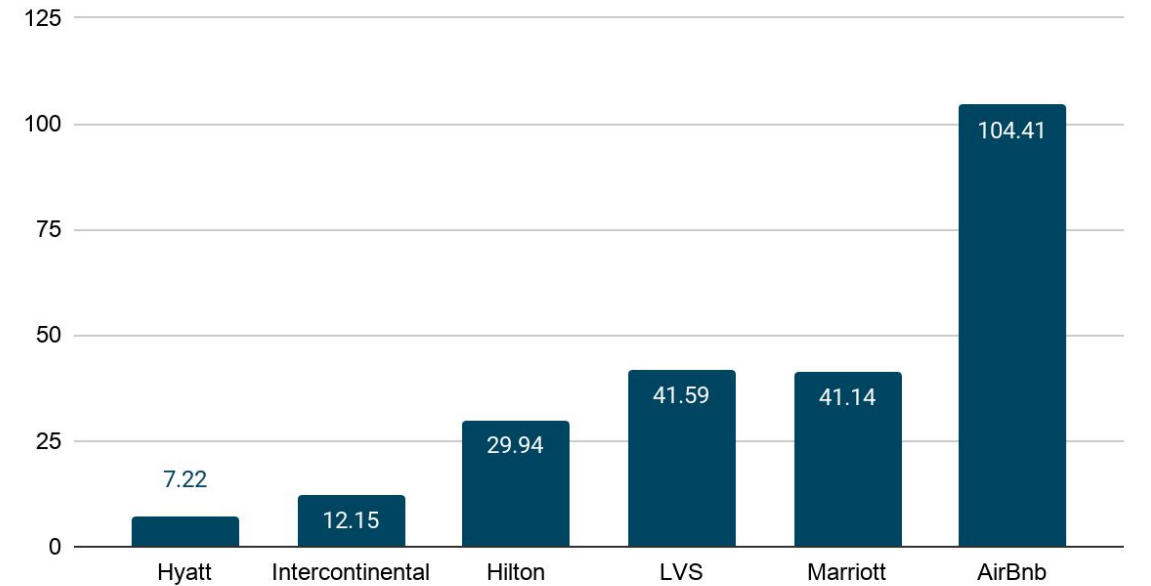
 login or register to comment  enlarge or shrink text

 Share 1504  Tweet 32  Like 88

[Post a Comment](#)



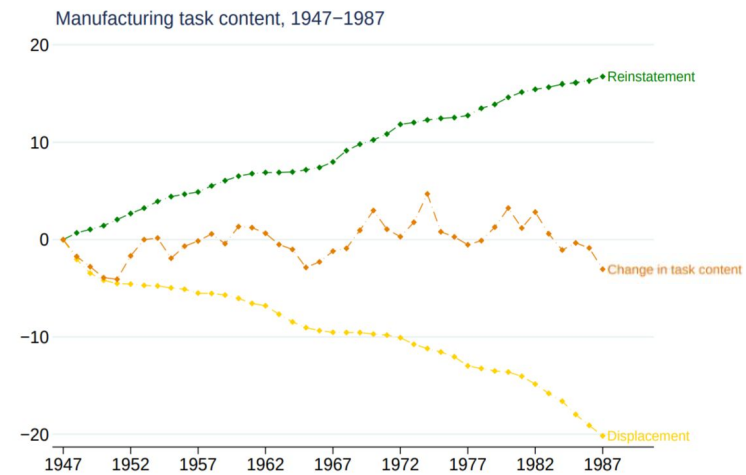
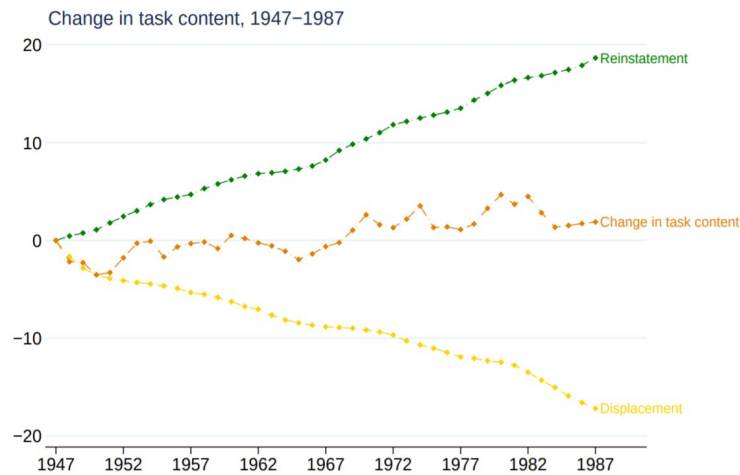
Hotel Industry Market Cap, USD B



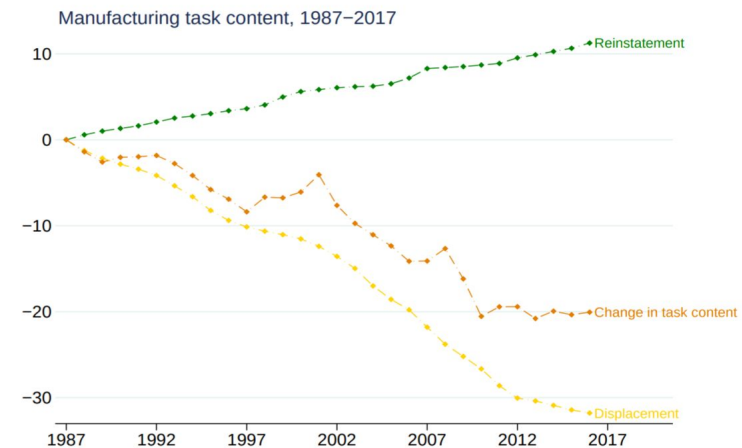
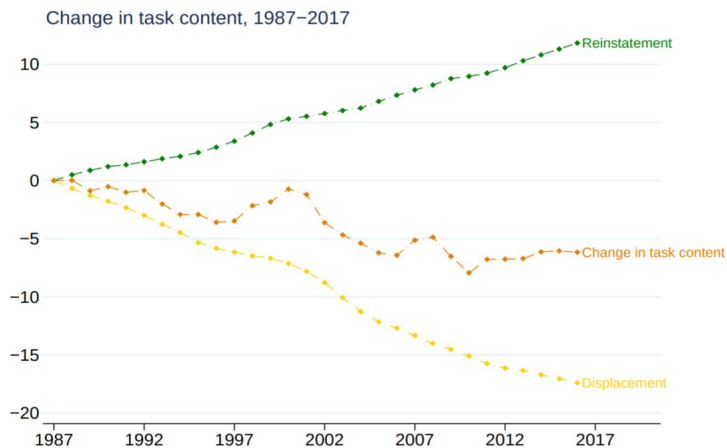
Thousands of hotel workers in seven cities struck at the same time under the same banner: "One job should be enough." Photo: UNITE HERE Local 5

What Happens to Labor Demand in Aggregate and Who Will Bargain Over That?

Automation vs New Task Creation, US, 1947-1987



Automation vs New Task Creation, US, 1987-2017

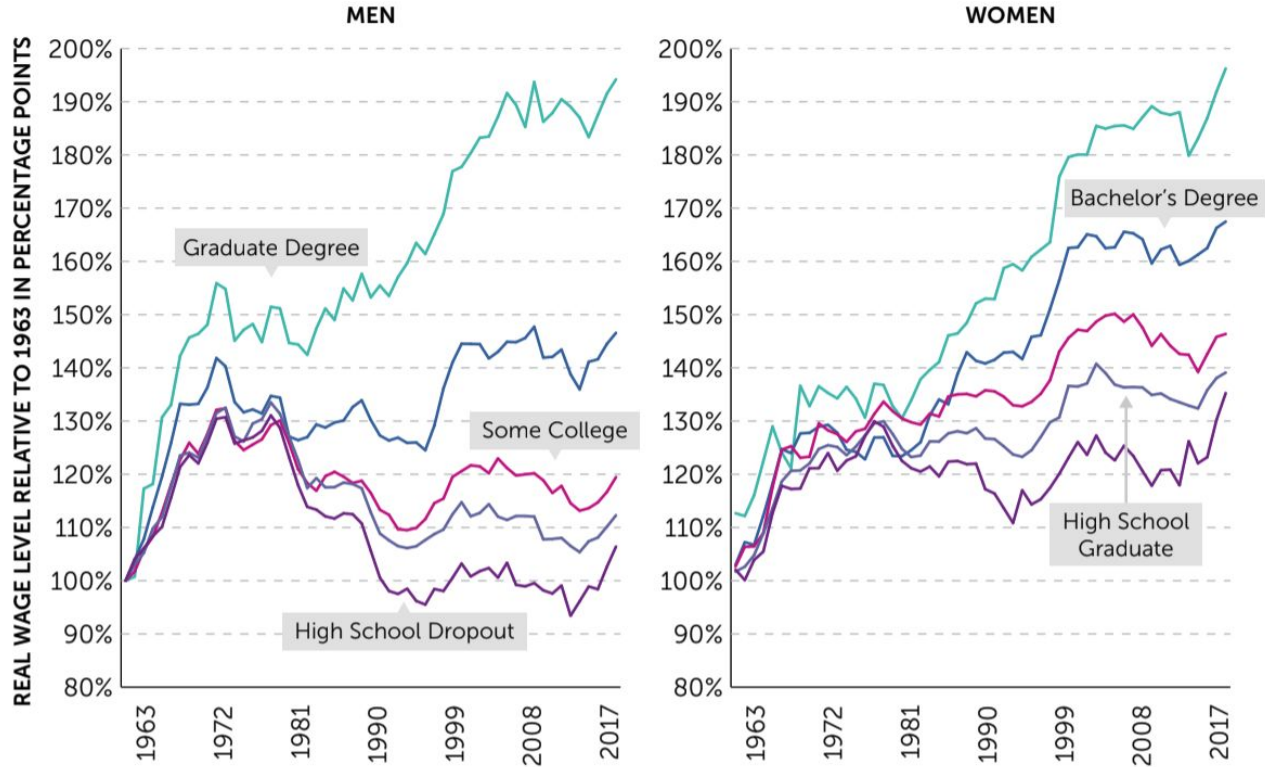


Shaping Technology to Augment - rather than replace - Workers

The intricacies of charting a labor-friendly
path for AI

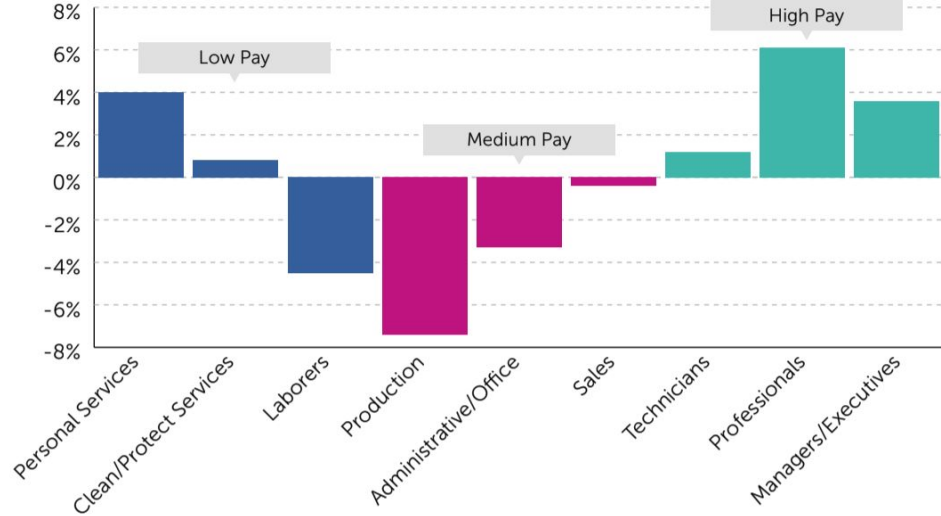
Making a Choice to Create Technology that Boosts Productivity of a Typical Worker

CUMULATIVE CHANGE IN REAL WEEKLY EARNINGS OF WORKING-AGE ADULTS AGES 18–64, 1963–2017



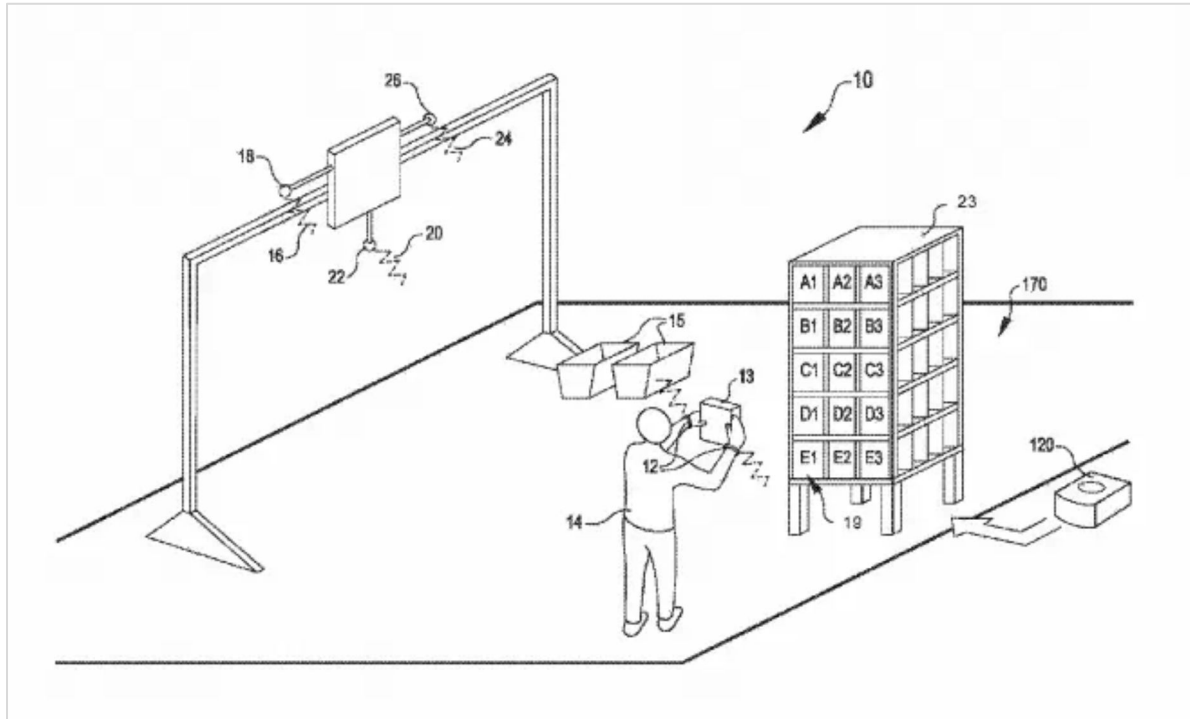
Source: Autor, David H. "Work of the Past, Work of the Future." *AEA Papers and Proceedings* 109 (May 2019): 1–32.

CHANGES IN OCCUPATIONAL EMPLOYMENT SHARES AMONG WORKING-AGE ADULTS, 1980–2015



Autor, D., Mindell, D. and Reynolds, E., 2020. *The Work of the Future: Building Better Jobs in an Age of Intelligent Machines*. MIT Work of the Future. 2020.

How Should We Define a Line Between Productivity-Boosting Tech and Converting Humans Into Software-Directed Extensions of Robots?

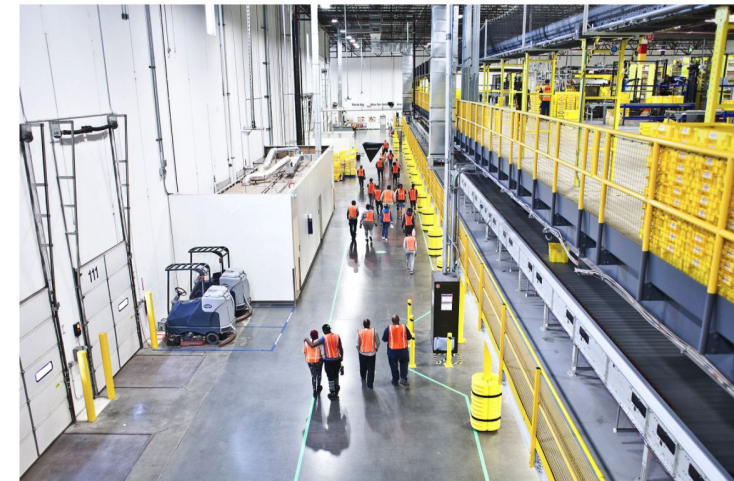


Source: Amazon (USPTO)

The New York Times

If Workers Slack Off, the Wristband Will Know. (And Amazon Has a Patent for It.)

f @ e ↻ 118



Employees at an Amazon warehouse in Carteret, N.J. The e-commerce giant has been known to experiment in-house with new technology before selling it worldwide. Bryan Anselm for The New York Times

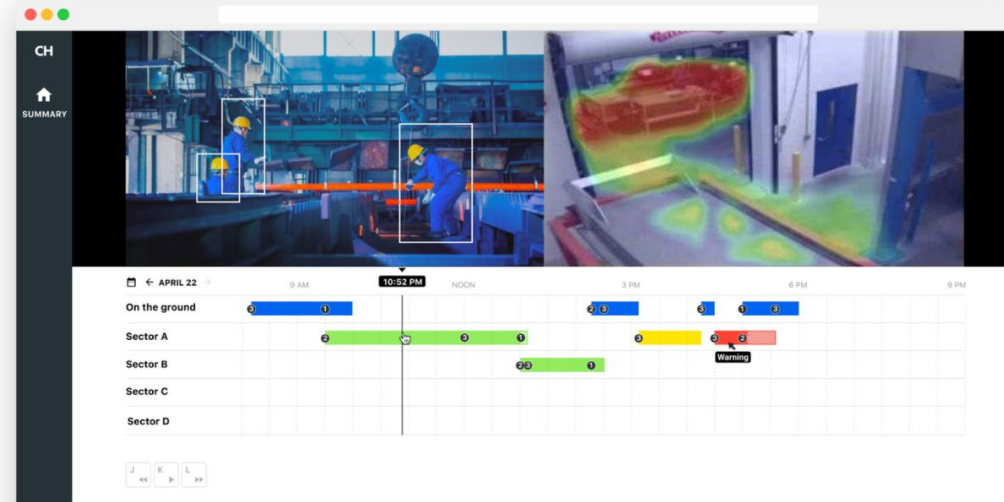
Source: NYT



PARTNERSHIP ON AI

Perfect Productivity Monitoring Will Eliminate Information Asymmetry in the Workplace Principal-Agent Problem

Get real numbers how an effective worker differs from an inefficient one.



Convert any human activity into data and stats

[Get Demo](#)

- Build a map of when, where, and who is doing which activity.
- Recognize workers by face, clothing or body parameters.
- Predict behavior, detect anomalies and prevent accidents.

What Should We Do About Inherent Uncertainty of Tech's Impact on Labor Demand?



Image: Waymo.com



Image: Nuro.ai

Thank You!!

Get in Touch:

partnershiponai.org/shared-prosperity

 @klinovakatya