



FW Jobs in the fourth industrial revolution

November 1st 2016
Chicago

FUTURE WORKS

FUTURE WORKS: JOBS IN THE FOURTH INDUSTRIAL REVOLUTION

The global economy is in the midst of the Fourth Industrial Revolution. Technological innovation and globalization are combining to produce big and rapid change, which is starting to transform every aspect of how economies and the businesses within them work.

Nowhere is this change likely to be experienced more acutely than in the workplace. New skills will be needed, and some existing skills will become redundant. Robots will replace workers in some places, and become valuable colleagues in others. Some workers will earn more than ever, and enjoy higher benefits and greater autonomy. Many more face the prospect of trying to eke out enough money to live on from work that may be temporary, unsatisfying and poorly paid.

The Economist's Future Works event will convene in Chicago to explore the outlook for Jobs in the Fourth Industrial Revolution, bringing together Economist editors, business leaders, entrepreneurs, educators, civil society leaders and thinkers.

We will address a range of challenges including: how to recruit, motivate and retain workers with scarce, valuable talents, who may enjoy unprecedented choices; how to manage the growing army of temporary workers, many of whom have increasingly commoditized skills delivered through digital platforms such as Uber; and how the outlook for workers of every kind will be changed by the adoption now getting under way of robots, smart learning machines and artificial intelligence.

CONFIRMED SPEAKERS

Marco Annunziata, Chief economist, GE

David Burstein, Founder, Generation 18

Matthew Breiffelder, Managing director and chief talent officer, BlackRock

Rodney Brooks, Founder, chairman and chief technology officer, Rethink Robotics

David Burstein, Founder and chief executive, Run for America

Teresa Carroll, Senior vice-president and general manager, global talent solutions, Kelly Services

James Cham, Partner, Bloomberg Beta

Edward Conard, Author, "The Upside of Inequality: How Good Intentions Undermine the Middle Class"

Ronald Daniels, President, Johns Hopkins University

Kris Duggan, Chief executive and co-founder, BetterWorks

Althea Erickson, Senior director of public policy, Etsy

Devin Fidler, Research director, Institute for the Future

Sean Follmer, Human computer interaction researcher, ME Design Group, Stanford University

Mark Gilbreath, Chief executive, Liquid Space

Susan Hayter, Senior industrial and employment relations specialist, International Labour Organization

John Katzman, Founder, The Princeton Review

Sean Mahoney, Chief executive, Masten Space Systems

Kathryn Minshew, Chief executive and founder, TheMuse.com

Louise Mazingo, Professor and chair, department of landscape architecture and environmental planning, UC Berkeley

Jennifer Newbill, Global candidate attraction and engagement expert, Dell

Amy Rosen, Member, President's Advisory Council of Financial Capability for Young Americans

David Rosenberg, Chief executive, AeroFarms

David Scott, Senior vice-president, Walmart US

Palak Shah, Social innovations director, National Domestic Workers Alliance

Kristin Sharp, Executive director, SHIFT: The Commission on Work, Workers, and Technology

Nikhil Sinha, Chief business officer, Coursera

Julie Sweet, Group chief executive, North America, Accenture

Joie Townsend, Global head of talent and development, BNY Mellon

Kathleen Utecht, Partner, Core Innovation Capital VC

Sophie Wade, Founder, workforce innovation specialist, Flexcel Network

Jeff Wald, Co-founder and president, Work Market

Caroline Webb, Author, "How to Have a Good Day"

7.45 AM REGISTRATION

8.45AM OPENING REMARKS

9.00AM TOMORROW'S JOBS

Our opening panel will examine the broad contours of work around the world in the Fourth Industrial Revolution. Which existing jobs will disappear? Where will new jobs be created? And will there be enough of them? How will artificial intelligence and automation change the labor landscape as we know it?

Amy Rosen, Member, President's Advisory Council of Financial Capability for Young Americans

Matthew Breiffelder, Managing director and chief talent officer, BlackRock

Devin Fidler, Research director, Institute for the Future

Marco Annunziata, Chief economist, GE

Moderator: Matthew Bishop, Senior editor, The Economist Group

9.45AM HOW TO ATTRACT THE BEST- AND KEEP THEM

The workers with rare talents can look forward to a future in which rewards are greater than ever, work itself more intrinsically rewarding, and employers fall over themselves to hire and keep them. Is top talent dictating the rules of the modern workplace? What sorts of strategies should companies pursue to win the war on talent? How are exponential technologies commoditizing new skill sets? What will the talent attracting company of the future look like? How can big data play a role in attracting and keeping the best?

Kris Duggan, Chief executive and co-founder, BetterWorks

Jennifer Newbill, Global candidate attraction and engagement expert, Dell

Caroline Webb, Author, "How to Have a Good Day"

Moderator: Adrian Wooldridge, Management editor and Schumpeter columnist, The Economist

10.30AM FUTURE WORKERS

Drone rangers, e-sports superstars, meat makers, body builders, space invaders. Meet the people pioneering new careers and doing tomorrow's jobs today. Economist Events will identify 3-4 professionals from recently created fields. In short individual presentations, they will look beyond the gadgets to reveal what it's like to work in the emerging industries of the future.

Kathleen Utecht, Partner, Core Innovation Capital VC

10.40AM THE VIEW FROM THE CORNER OFFICE: KEYNOTE CEO INTERVIEW

A Fortune Global 500 chief executive discusses how she sees the future of work and what that means for her company.

Julie Sweet, Group chief executive, North America, Accenture

Adrian Wooldridge, Management editor and Schumpeter columnist, The Economist

11.00AM NETWORKING BREAK

11.30AM GENERATION ZZZZ. IS MANAGING BABY BOOMERS, MILLENNIALS, GENERATION Z REALLY SO HARD?

As the first members of Generation Z enter the workforce, and Millennials increasingly occupy key decision-making jobs, there is growing debate about the differences between the generations and what they might mean for creating an effective workforce. Whilst some skeptics argue that the differences are superficial and largely irrelevant, others argue for a radical overhaul in how workers are managed.

David Burstein, Founder and chief executive, Run for America

Sophie Wade, Founder, workforce innovation specialist, Flexcel Network

Joie Townsend, Global head of talent and development, BNY Mellon

Kathryn Minshew, Chief executive and founder, TheMuse.com

Moderator: Matthew Bishop, Senior editor, The Economist Group

12.10PM FUTURE WORKERS

Drone rangers, e-sports superstars, meat makers, body builders, space invaders. Meet the people pioneering new careers and doing tomorrow's jobs today. Economist Events will identify 3-4 professionals from recently created fields. In short individual presentations, they will look beyond the gadgets to reveal what it's like to work in the emerging industries of the future.

David Rosenberg, Chief executive, AeroFarms

12.20PM OFFICES, HUBS, IN AN UBER, ON THE BEACH: WHERE WILL WE WORK IN THE FUTURE?

As companies like Facebook and Apple emphasize the importance of design and architecture in their corporate headquarters, some argue that the role of physical space is critical to shaping the work experience. Is this really a way to incentivize employee retention and productivity? Or just a nice-sounding way of keeping employees at work for all hours? With the rise of hub culture, remote working, and the prospect of self-driving cars, plus renewed debate about the pros and cons of open plan offices, leading thinkers discuss what the workplaces of the future will look like.

Sean Follmer, Human computer interaction researcher, ME Design Group, Stanford University

Mark Gilbreath, Chief executive, Liquid Space

Louise Mozingo, Professor and chair, department of landscape architecture and environmental planning, UC Berkeley

Moderator: Adrian Wooldridge, Management editor and Schumpeter columnist, The Economist

12.50PM LUNCH

2.00PM ELECTION SPECIAL: WHAT IS AT STAKE ON NOVEMBER 8TH

From immigration to regulation, minimum wages to education, this year's Presidential election battle has touched on many issues that will shape the future of work. There have been plenty of promises and threats, but what will actually change?

Kristin Sharp, Executive director, SHIFT: The Commission on Work, Workers, and Technology

Edward Conard, Author, "The Upside of Inequality: How Good Intentions Undermine the Middle Class"

Moderator: Adrian Wooldridge, Management editor and Schumpeter columnist, The Economist

2.30PM IT'S HAVING THE RIGHT SKILLS, STUPID: TEACHING TOMORROW'S WORKERS, RETRAINING TODAY'S

If tomorrow's work is very different from today's, what new skills will workers need to succeed? How will today's education system need to change, both to give those entering the labour market the best possible chance and to re-equip existing workers whose existing skills are increasingly redundant?

Nikhil Sinha, Chief business officer, Coursera
David Scott, Senior vice-president, Walmart US
Ronald Daniels, President, Johns Hopkins University

Moderator: Adrian Wooldridge, Management editor and Schumpeter columnist, The Economist

3.15PM PROTECTING THE FUTURE WORKER: FROM TRADE UNIONISM 2.0 TO UNIVERSAL BASIC INCOME

In a world of increasingly temporary gig jobs and emerging on-demand platforms, the rights and protections of workers are rapidly evolving. Forseeable industry disruption may depend on how much change regulators allow. Do unions have a future? Is universal basic income an affordable option? What more can government do to help? Will the recent deal to protect Uber drivers struck between the company and the Freelancers Union become the new model for the on-demand economy?

Althea Erickson, Senior director of public policy, Etsy
Susan Hayter, Senior industrial and employment relations specialist, International Labour Organization
Palak Shah, Social innovations director, National Domestic Workers Alliance

Moderator: Matthew Bishop, Senior editor, The Economist Group

4.00PM NETWORKING BREAK

4.30PM FUTURE WORKERS

Drone rangers, e-sports superstars, meat makers, body builders, space invaders. Meet the people pioneering new careers and doing tomorrow's jobs today. Economist Events will identify 3-4 professionals from recently created fields. In short individual presentations, they will look beyond the gadgets to reveal what it's like to work in the emerging industries of the future.

Sean Mahoney, Chief executive, Masten Space Systems

4.40PM ROBOTS AROUND THE WATER COOLER: WILL AI REPLACE WORKERS OR IMPROVE THEM?

As Artificial Intelligence and machine learning start to transform the workplace, there is a growing debate about what it will mean for human intelligence at work. Certainly, some existing jobs will be destroyed, but which ones? And how will AI make human workers more productive? Do we really face a world in which robots take care of most of humanity's material needs – and, if so, will there be any work for us to do?

Rodney Brooks, Founder, chairman and chief technology officer, Rethink Robotics
James Cham, Partner, Bloomberg Beta

Moderator: Adrian Wooldridge, Management editor and Schumpeter columnist, The Economist

5.05PM OXFORD STYLE DEBATE: THIS HOUSE BELIEVES THAT FOR MOST WORKERS THE GROWTH OF THE GIG ECONOMY WILL SUCK

To some experts, the gig economy, by giving people the freedom to work if and when they want, promises unprecedented freedom, flexibility and job satisfaction. To others, it will mean insecurity, low pay and an uncertain future. Which will it be? Two teams of two speakers will debate the issues, with help from our audience.

PRO: John Katzman, Founder, The Princeton Review

PRO: TBD

CON: Jeff Wald, Co-founder and president, Work Market

CON: Teresa Carroll, Senior vice-president and general manager, global talent solutions, KellyOCG

Moderator: Matthew Bishop, Senior editor, The Economist Group

5.50PM FINAL REMARKS AND COCKTAIL RECEPTION

Contact Us

Registration and information:
event-tickets@economist.com

Programme and speaking:
eventspeakers@economist.com

Sponsorship:
eventsponsorship@economist.com