



MaRS

& The Future of Work

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PLATFORM



PLACE

NORTH AMERICA'S LARGEST URBAN INNOVATION HUB

- + 1.5 million square feet
- + 150+ total tenants: 100+ startups, scale-ups, corporates & research
- + Convening innovators with financial, academic & business communities

MORE THAN A BUILDING: AN INNOVATION HUB

	INNOVATION CENTRE	INCUBATOR	ACCELERATOR	INNOVATION HUB	INNOVATION DISTRICT
Where?	Building	Space		Place IP address Soft landings at other locations	Multiple buildings in a geographic area
Who?	Varied tenants	Startup ventures (general)	Startup ventures (selected cohort)	Startup and scaling ventures Incubators Corporate MNEs Investors Research labs and groups Convening of communities of interest	Universities Hospitals Research Institutes Student startups Incubators Corporate MNEs
What?	Limited programming	Venture services	Venture services Capital	Venture services Capital Talent Systems (incl. policy) Corporate connections Global networks	No centralized programming
Global examples	Cambridge Innovation Centre	JLABS	Y Combinator	MaRS Grand Central Tech (NYC) The Crick Institute (London, 2016) Nesta (London, 2016)	Biopolis* Mission Bay Kendall Square

* Have announced intention to pursue a Hub model.

INVENTION



ADOPTION

=

INNOVATION





2,000+
Annual Events and Meetings



150,000
Annual Attendees



200
Annual International
Delegations



6,000
People at Work



1200+

Ventures supported annually
400+ Scaleups

VENTURES

\$3.5 Billion

raised since 2008
\$867 Million 2016

CAPITAL

\$1.8 Billion

generated since 2008
(majority from exports)
\$483 Million 2016

REVENUE

FOCUS ON HIGH GROWTH HIGH POTENTIAL VENTURES

VENTURE STAGE

SERVICE MODEL

HIGH GROWTH COMPANIES

INNOVATION SUPPLY

START

60% of Ventures

\$0-1M in revenue
Pre-seed funding

General

(1:many & 1:few)

- Entrepreneurship education
- Experiential workshops
- Market Intelligence Insights
- Peer to peer online network

GROW

35% of Ventures

\$1-5M in revenue
Series A funding

Specific (1:1)

1:1 Business & Technical advisory

- Talent, capital, Int'l market and customer connections
- Marketing & PR support
- Functional training workshops
- Customized Market Intelligence
- Leverage Expert network

SCALE

5% of Ventures

\$5M+ in revenue
Series B or more

Customized (1:1)
(Pilot Program)

1:1 Business & Technical advisory

- Talent, capital, Int'l market and customer connections
- Marketing & PR support
- Functional training workshops
- Customized Market Intelligence
- Leverage Expert network
- Connection to Start Ecosystem

SUPPORTING THE INNOVATORS WHO WILL CHANGE THE WORLD

MaRS supports innovators who want to achieve strong business results and / or make a positive difference in the world - we identify them by these criteria:

IMPACT – They address big challenges facing Canada and the world

MARKET DEMAND – They have major global market opportunities, consumers not well served by current solutions

DISRUPTION – Exponential acceleration driven by science and technology, digitization and connectivity across converged sectors and disciplines

ASSETS AND EXPERTISE – Toronto, and Canada, are (or can be) centres of excellence



Health

- Biotech & Pharma
- Health & Wellness
- Digital Health
- Medical Devices
- & Diagnostics



Energy & Environment

- Energy
- Agritech
- Adv. Materials
- Adv. Manufacturing
- Transportation
- Waste Mgmt.
- Water



Finance & Commerce

- AI, Data, & Analytics
- Alt. Finance
- Cybersecurity
- Insurance Tech
- Marketplaces
- Online & Mobile Retail
- Payments
- Retail Tech



Work & Learning

- Business Intelligence
- Education & Training
- HR & Workforce
- Enterprise Software

The background of the image is a dense, repeating pattern of small, blocky robots constructed from LEGO bricks. Each robot has a square head with two circular eyes and a small antenna on top. The body is also made of bricks, with some featuring a small rectangular panel on the front. The robots are arranged in a way that creates a sense of a large, overwhelming crowd. The overall color scheme is dark, with the robots appearing in shades of grey and black against a dark background.

THE ROBOTS ARE COMING!

ANALYSIS | Artificial intelligence probably won't kill you, but it could take your job: Don Pittis

Keep an eye out for killer robots, sure, but economic disruption is the more likely threat

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capital

Home Owning Your Time Affording Your Life Expat Guides

Technology Careers

How long will it take for your job to be automated?

We're often told that machines one day will be able to do our jobs – but when, exactly, is that likely to happen?

We're often told that machines one day will be able to do our jobs – but when, exactly, is that likely to happen?

NEWS

Just In Australia World Business Sport Science Arts Analysis

Breaking news

Harvey Weinstein has been expelled from the Academy of Motion Picture

Print

Email

Facebook

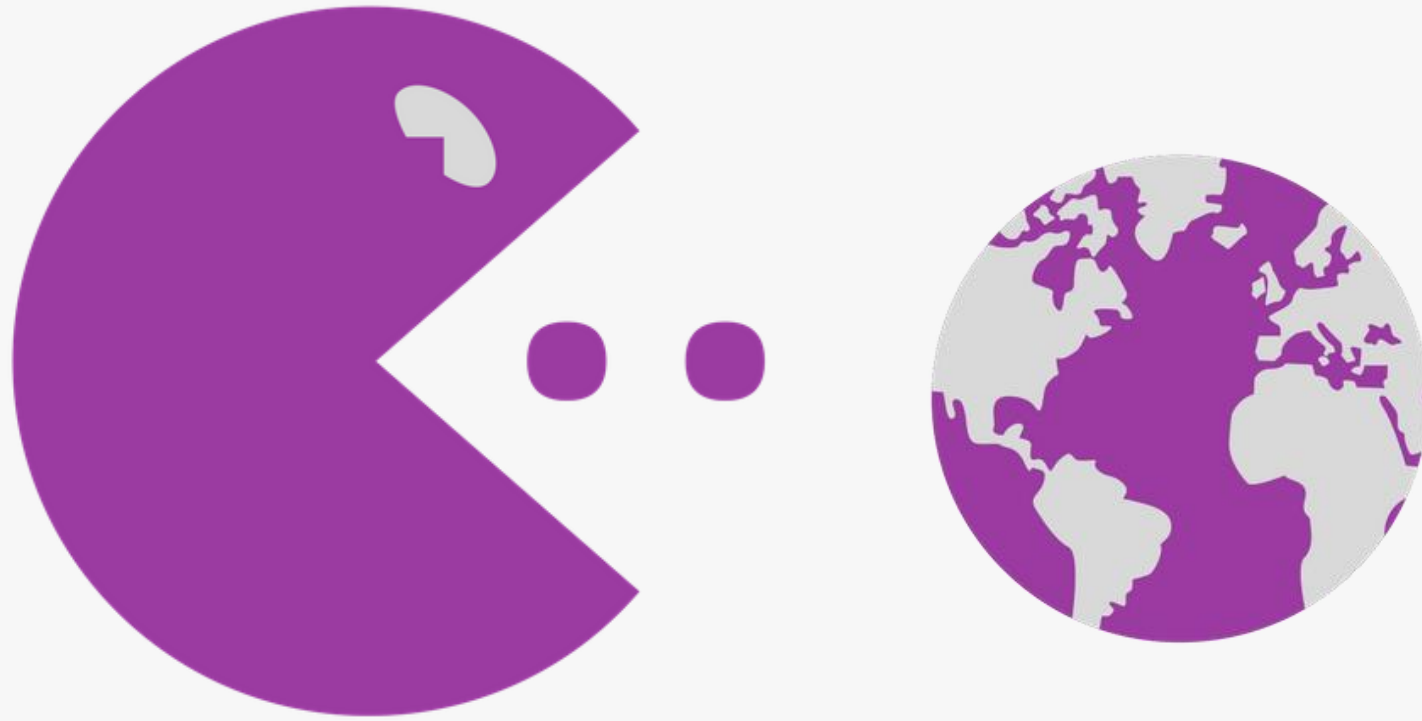
Twitter

More

Rise of the machines: What jobs will survive as robots move into the workplace?

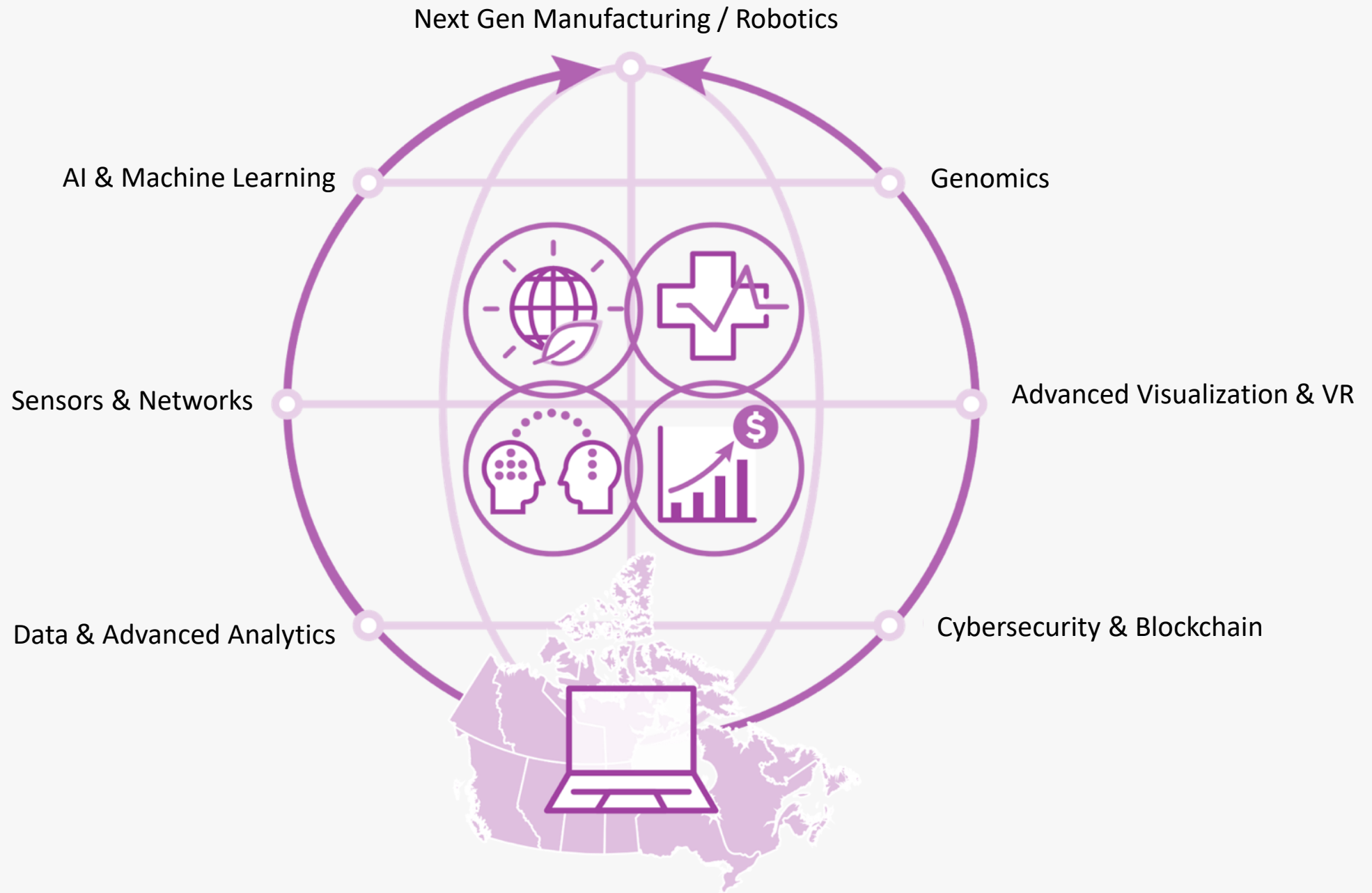
By business reporter Elysse Morgan

Posted 6 Jul 2017, 9:12am



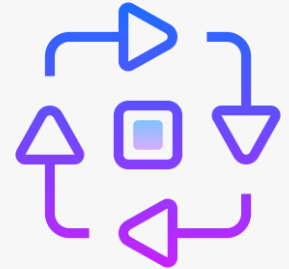
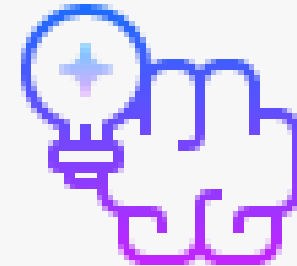
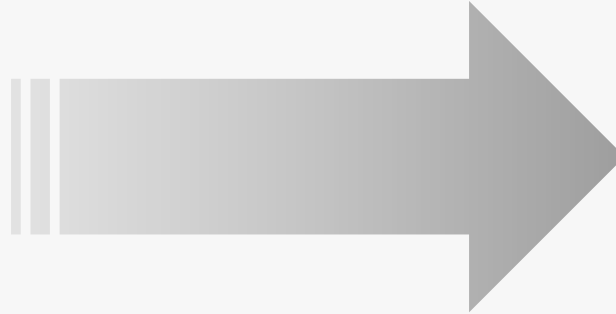
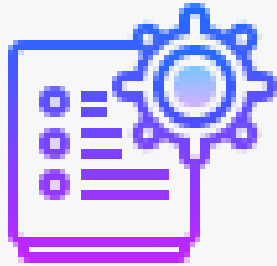
In 2011 SOFTWARE WAS EATING THE WORLD...

Mark Andreessen



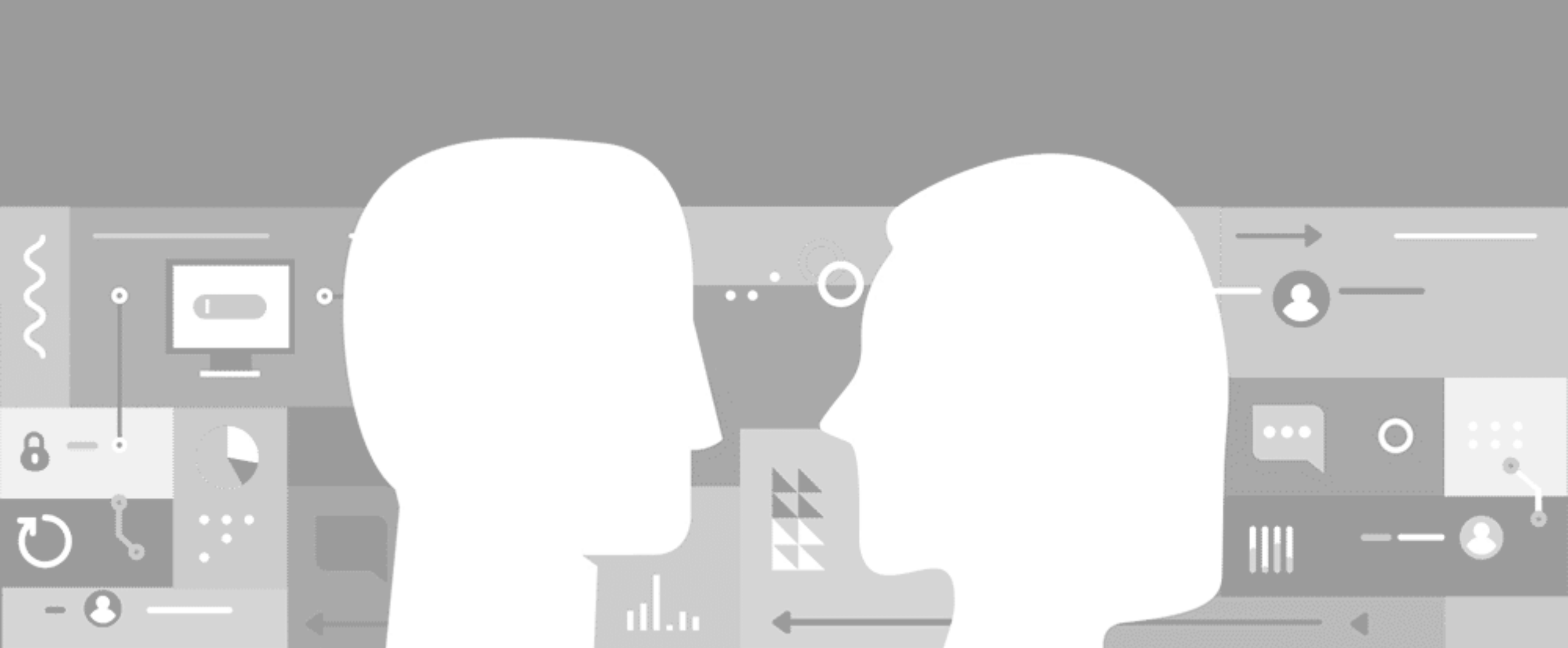
IN 2017, EXPONENTIAL TECHNOLOGY IS DEFINING IT

INNOVATION MANAGEMENT



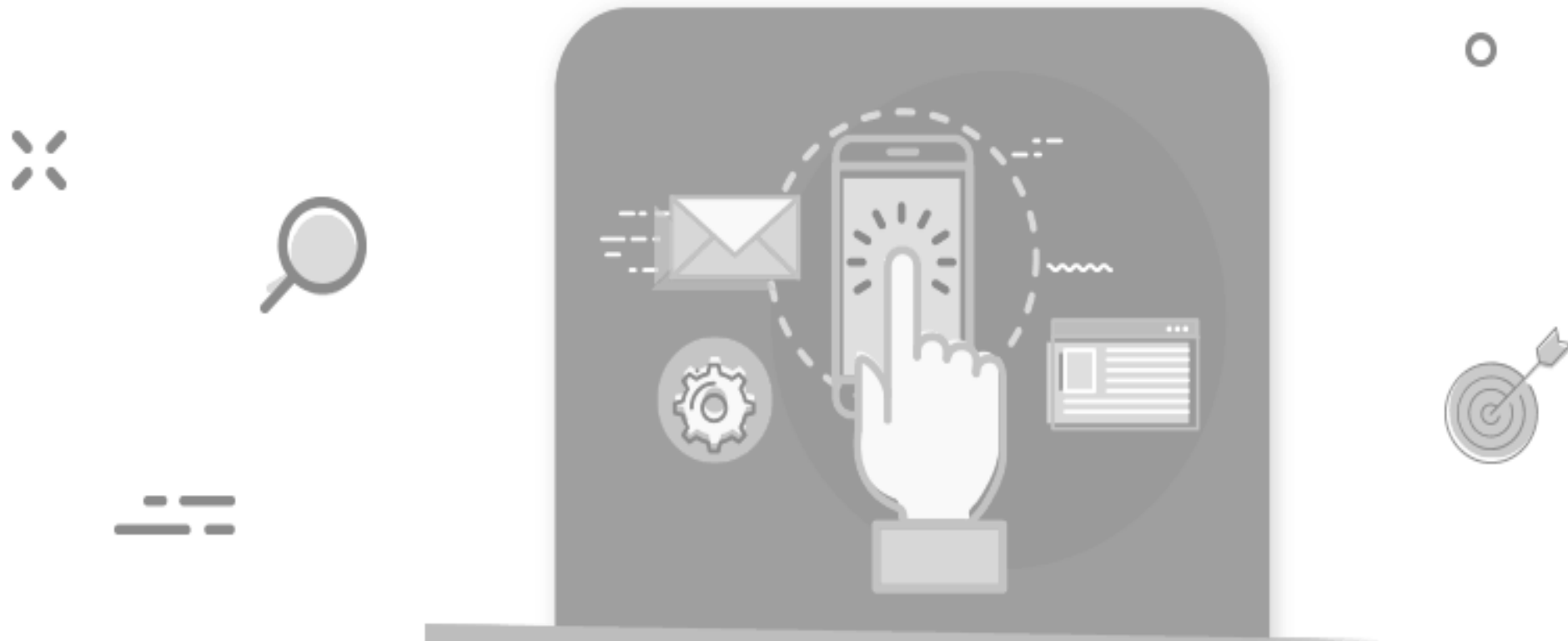
Product, services &
business models

People & process
(productivity & skills)

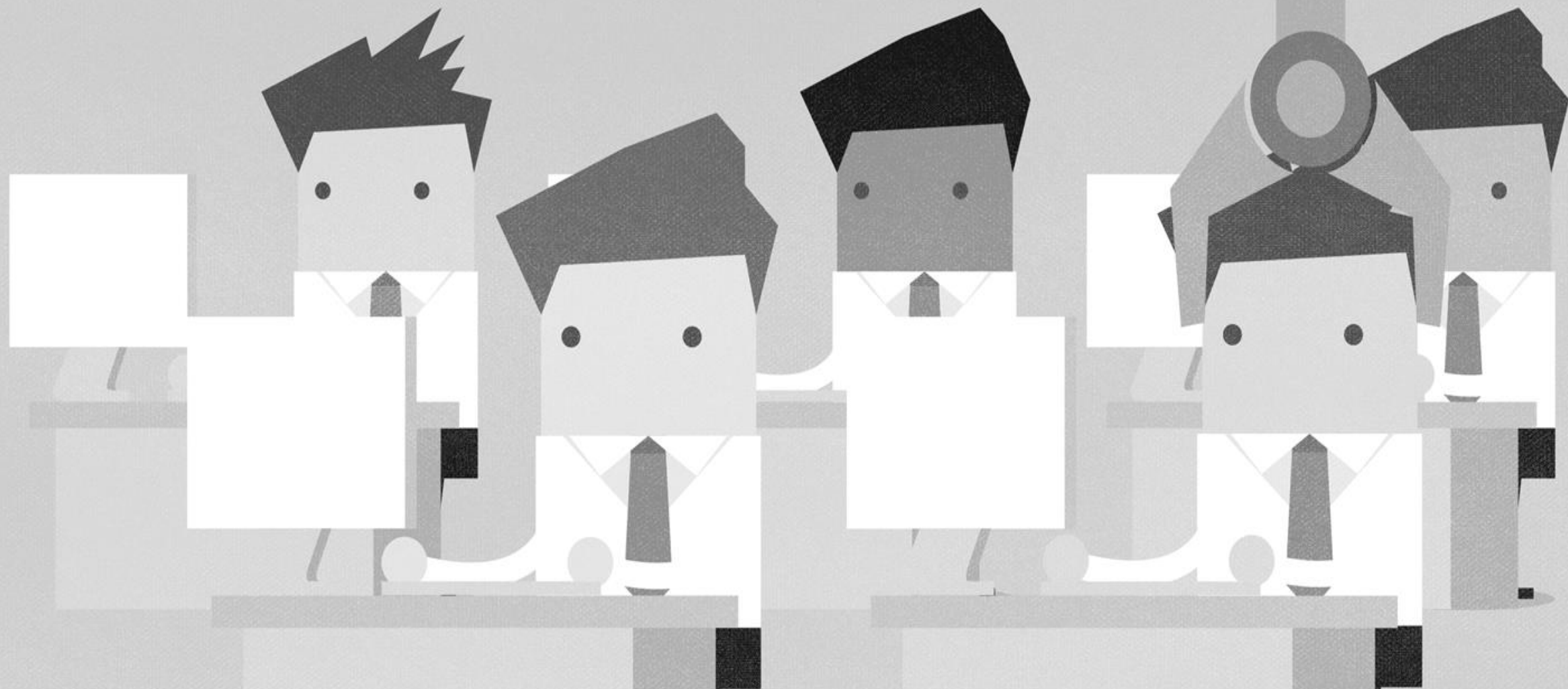


PROCESS AUGMENTATION, NOT AUTOMATION

CONSUMERIZATION OF ENTERPRISE



KNOWLEDGE WORK DISRUPTED



ROBOTS AS CO-WORKERS?

CHANGING WORKFORCE

- Diversity and Inclusion
- Multi-cultural, multi-generational
- New skills/hybrid jobs
- Contingent Work Structures
- Innovation Capacity
- Desire to have Societal Impact
- Global, mobile





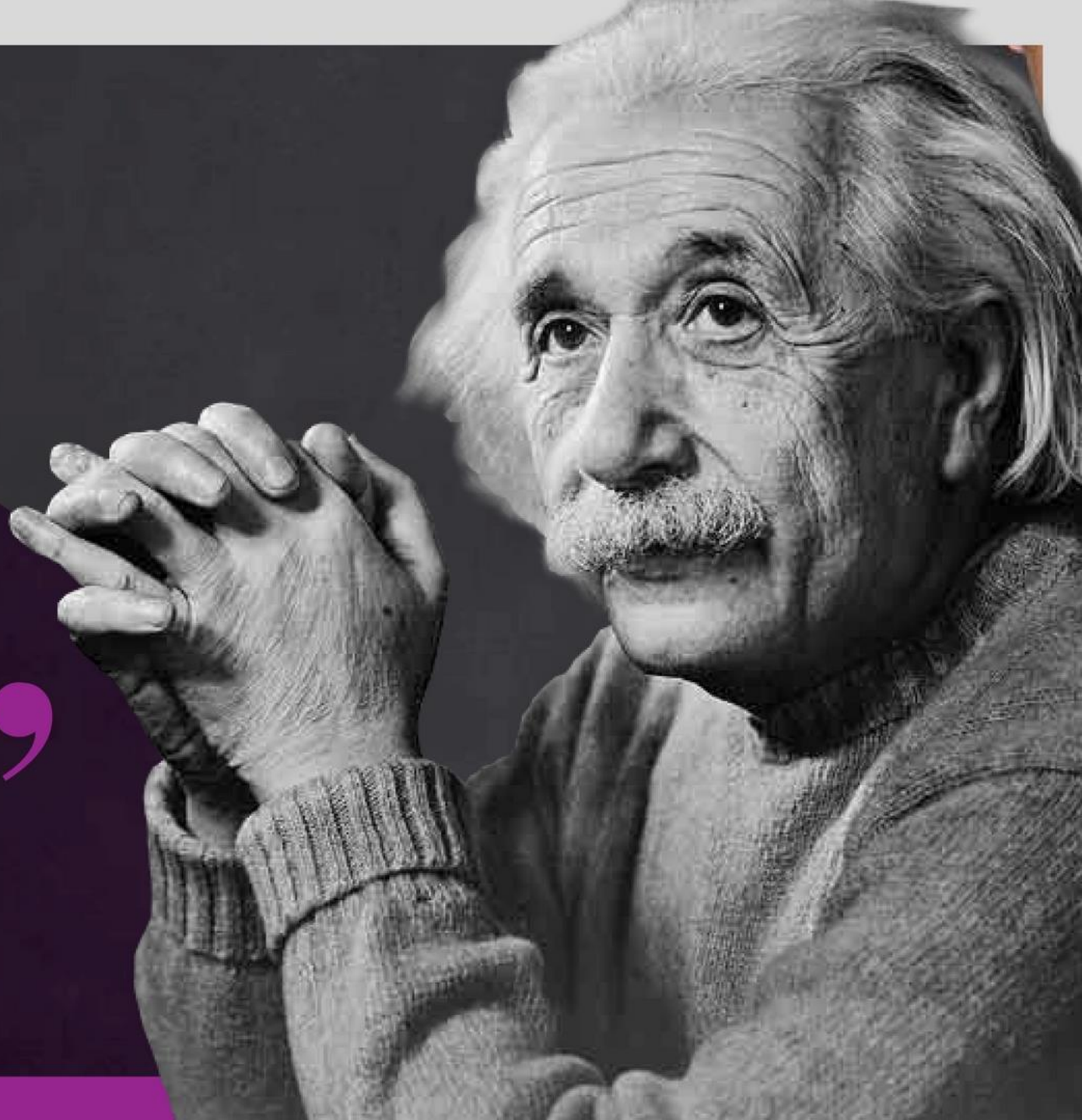
ENTERPRISE DISRUPTED

“

Imagination is more
important than knowledge.
Knowledge is limited.
Imagination encircles the
world.

”

Credit: Gary Bolles, Singularity University



Starting the Journey towards the Intelligent Enterprises

1. Adoption of Enterprise-wide Productivity Enablement tools
2. "Innovation" Assessment & Management
3. Use of People Analytics (Employees & Customers)
4. Integrate Learning into Organization
5. New Talent Acquisition Methods
6. Radically change HR and Workforce Management



THANK YOU

www.marsdd.com/work-learning/