



AI: POWERING
CHANGE
IN OUR TIME

TRUST

Trust Paradox – Edelman Trust Barometer 2020

- 83% of employees (79% Ireland) are worried about losing their jobs to reasons including automation, a looming recession, lack of training, cheaper foreign competition, immigration and the gig economy
- Trust in technology companies has substantially declined, with a global four point decline in trust in the technology sector from 2019 to 2020 (4-point drop Ireland)
- 61% of people (62% Ireland) responded that they felt the pace of change in technology is too fast, and 66% (70% Ireland) responded that they “worry technology will make it impossible to know if what people are seeing or hearing is real.”



Input

Cycle-GAN

Recycle-GAN

John Oliver to Stephen Colbert

Solutions? – Edelman Trust Barometer 2020

- 66% of Irish people do not have confidence that our current leaders will be able to successfully address our country's challenges
- 79% of Irish respondents said they trust scientists
- Stakeholder model and partnerships are seen as greatest path to trust increases

**Edelman Trust Barometer, 2020*

Ambition

- Ireland is the best place in the world to see a publicly trusted AI ecosystem.
- The public are a key stakeholder in the AI ecosystem.
- Ireland is the testbed for public engagement with AI.



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The Festival of Curiosity*

**The Festival
of Curiosity***

Dublin's International Festival of
Science, Arts, Design & Technology.



The Festival of Curiosity

Dublin International Festival of Science, Arts, Design & Technology.

Lorraine Hanrahan
Head of the Programme Office for 'Our Public Service 2020'
Department of Public Expenditure and Reform

Dr. Andrew Power
Registrar and Vice President of Equality and Diversity
Institute of Art, Design and Technology (IADT)

Lynn Scarff
Director at National Museum of Ireland



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COURAGE
OPPORTUNITY

Cultural Cognition

THE IMPORTANCE OF CULTURAL VALUES

- **Cultural cognition** refers to the tendency of individuals to conform their beliefs about disputed matters of fact to values that define their **cultural** identities.
- General survey data that suggest that individuals' values more strongly predict their risk perceptions than do other characteristics such as race, gender, economic status, and political orientations.
- Individuals selectively credit or dismiss information in a manner that reinforces beliefs congenial to their values.
- **Those more curious about science are less polarized in their views on contentious issues than less-curious peers.**

**Yale Cultural Cognition Project:*

www.culturalcognition.net

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CURIOSITY
STUDIO.

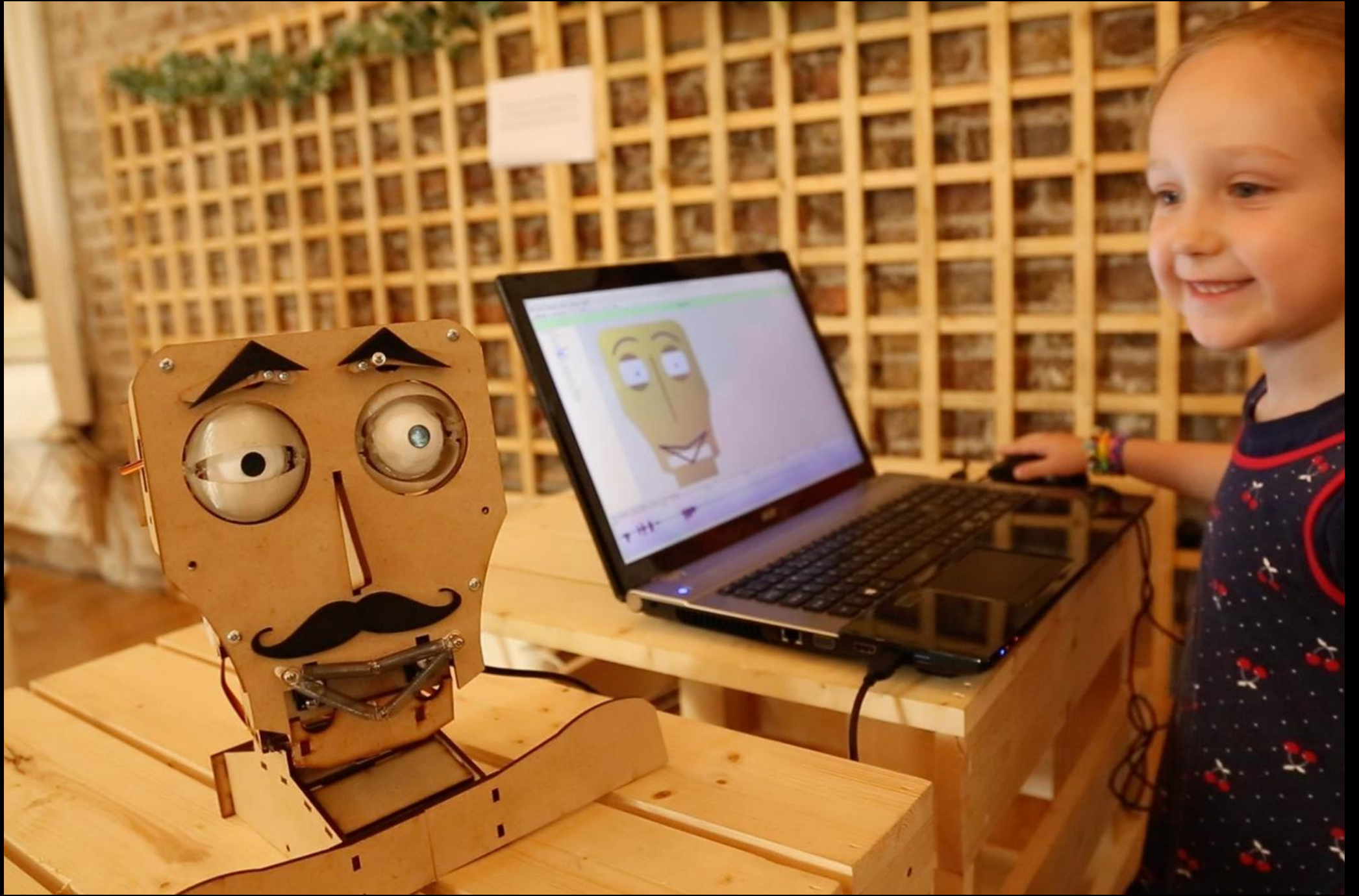


CONFIDENCE







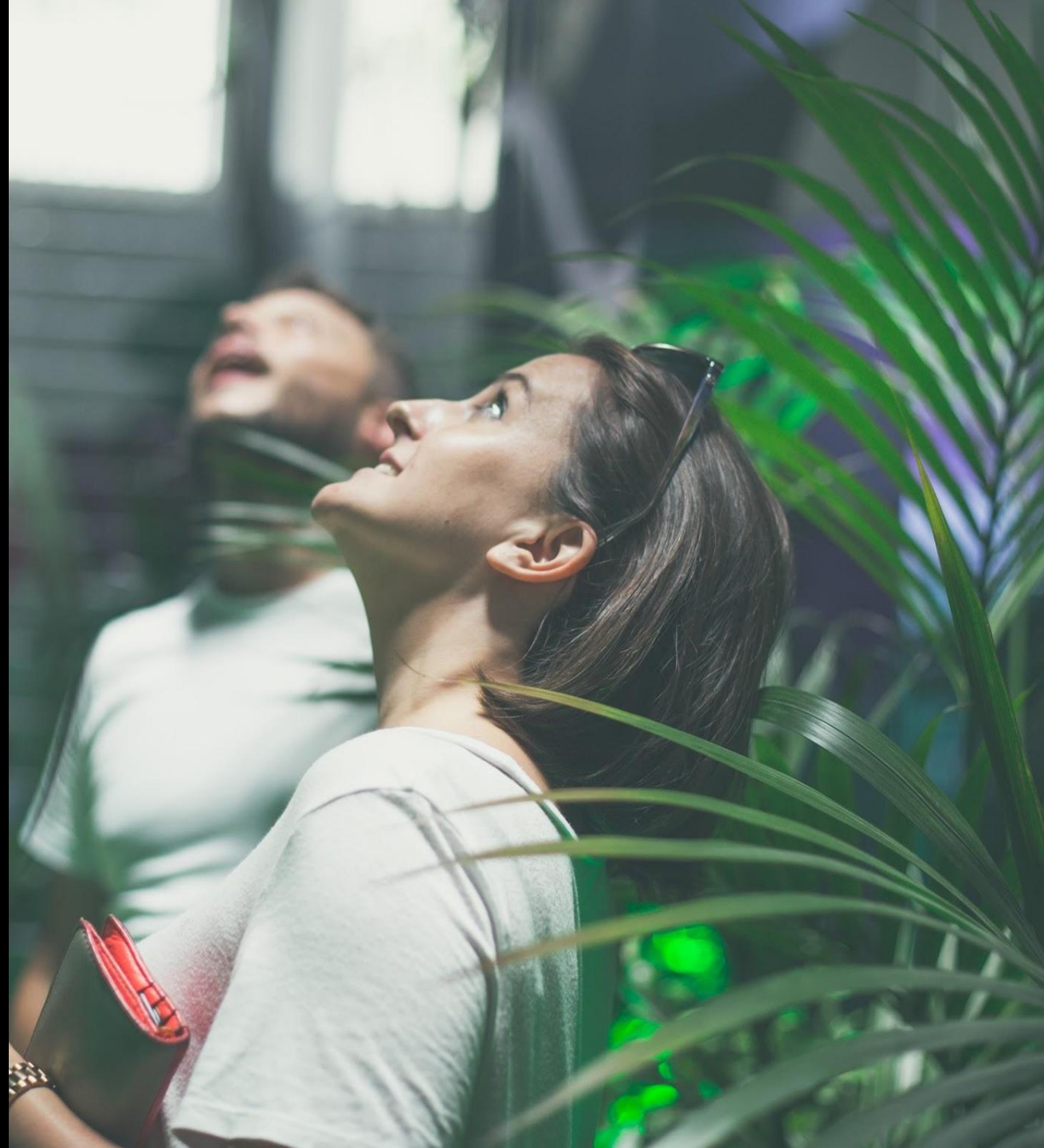


COURAGE

Neurobiophilia

- Neurobiophilia is a subdiscipline of neuroscience that explores how functions and dynamics of the human brain respond to nature.
- This term is rooted in biologist's E.O. Wilson's "Biophilia Theory", which posits that an instinctive bond exists between human beings and other living beings and systems.
- By studying how the human brain responds to nature, whether immersed in it or presented audio-visually, research in neurobiophilia examines both the cognitive benefits of nature contact and neurological impacts of nature deprivation

**Neurobiophilia: www.neurobiophilia.org*



Inspired Life

The stunningly simple idea that could change solitary confinement as we know it



An inmate at the Washington Corrections Center, in Shelton, Wash. in August watches a video of an underwater reef scene while seated in the facility's "Blue Room." The room was based on an Oregon project. (Ted S. Warren/AP)

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Yawn/Chorus

- Aim to shed light on the growing prevalence of AI in our daily lives and its limitless abilities to understand human behavior.
- By engaging visitors' imaginations through a playful topic such as contagious yawns, the artists aim to open the conversation of what a future of algorithms might be and how we can create a more human empathic world.

**Alex Rothera & Christopher G. Thompson*





OUTCOMES

Up to 6 months after the experience...

- **Relevant:** 89% agreed that attendance had made them think science is relevant to their lives.
- **Curious:** 91% strongly agreed that attendance had made them more curious about science and technology issues experienced.
- **Confident:** 76% agreed that attendance had led to them being more confident talking about science and technology.

OUTCOMES

Up to 6 months after the experience...

- 80% discussing STEM ideas and research with new people
- 65% of attendees researching STEM topics experienced
- 54% conducting STEM experiments at home
- 18% of people actively pursuing and contacting formal STEM education providers.

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Welcome to the Citizens' Assembly

The Citizens' Assembly was an exercise in deliberative democracy, placing the citizen at the heart of important legal and policy issues facing Irish society. With the benefit of expert, impartial and factual advice the 100 citizen Members considered the topics below. Their conclusions formed the basis of a number of reports and recommendations that were submitted to the Houses of the Oireachtas for further debate by our elected representatives.

The Eighth Amendment of
the Constitution

Challenges and
Opportunities of an
ageing population

Making Ireland a
leader in tackling
climate change

Manner in which
referenda are held

Fixed term parliaments

[Meetings](#)



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Thank You!

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