

AGENDA

INPUT

- INTRO WHY AND WHAT WE DO (5 min.)
- FAKE NEW TRENDS (15 min.)
- **ESCAPE FAKE** CASE STUDY (10 min.)

CO-CREATION

- THEMES and TOPICS (15 min.)
- TOOLS and STRATEGIES (15 min.)

QUESTIONS / FEEDBACK





Polyeulon

Original From Hallein



Cough Suppressant Throat Drops

















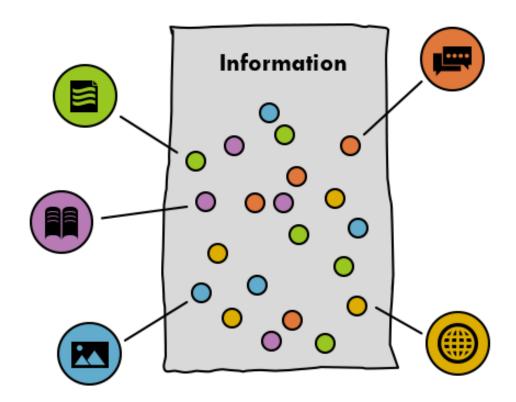






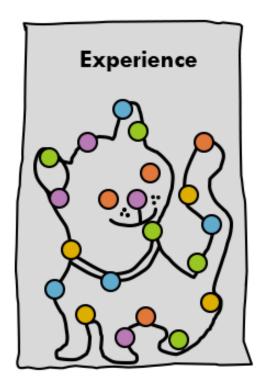




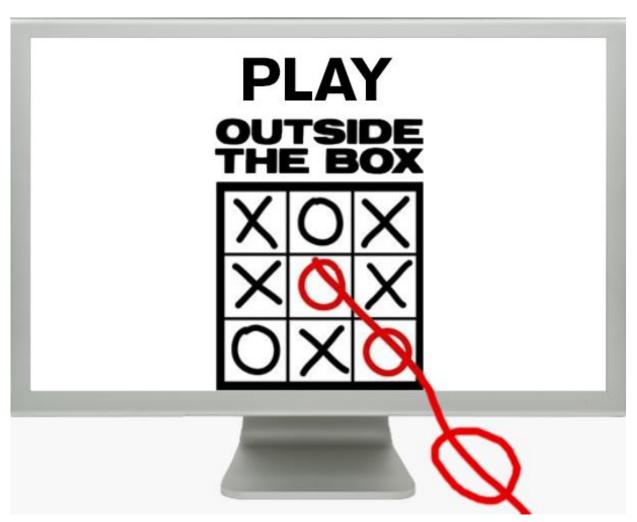


There is a lot of information out there

• • •



... but transforming it into an experience will make it stick.



Experience everywhere





USE-CASES LEARNING AND AWARENESS RAISING



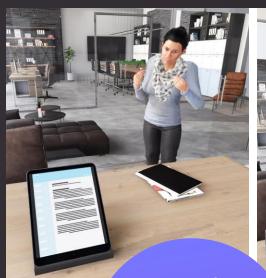


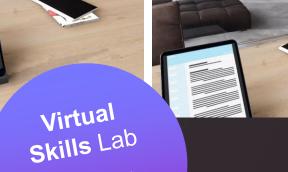


USE-CASES VR TRAINING AND LEARNING









DORR

COBOT STUDIO

https://www.polyc ular.com/portfolio/ virtual-skills-lab/

USE-CASES ESCAPE AR — AUGMENTED REALITY ESCAPE ROOMS

CITY DISCOVERY

VIRTUAL EXHIBITION

ONBOARDING AND CSR



Salzburg





IMMERSIVE AND GAME BASED EXPERIENCES ...



.... ARE MOTIVATING AND ENGAGING



... YOU LEARN THROUGH REFLECTION ON EXPERIENCES



... OFFER A SAFE ENVIRONMENT



... ARE A COMPLEMENTARY FORM OF LEARNING

FAKE NEW TRENDS

TECHNOLOGY and FAKE

(challenging reality)

Reality is an illusion.



FAKE NEWS SIND SO ALT WIE DIE MENSCHEN

The New York Sun — 1835 (Great Moon <u>Hoax</u>)







WIE WIRKLICH IST DIE WIRKLICHKEIT?



Image Fulgurator, Julius von Bismarck (2007)

MOONSHOT



Al detects objects it knows and replaces textures and details from internet stock footage with deep neural network so you see the moon as through a telescope almost, it changes the reality of your photograph

https://www.reddit.com/r/Android/comments/bfat9m/huawei_p30_pros_new_moon_mod_e_add_artificial/

DER TOD DER REALITÄT?



GOOGLE GLASS



INTEL VAUNT



MAGIC LEAP



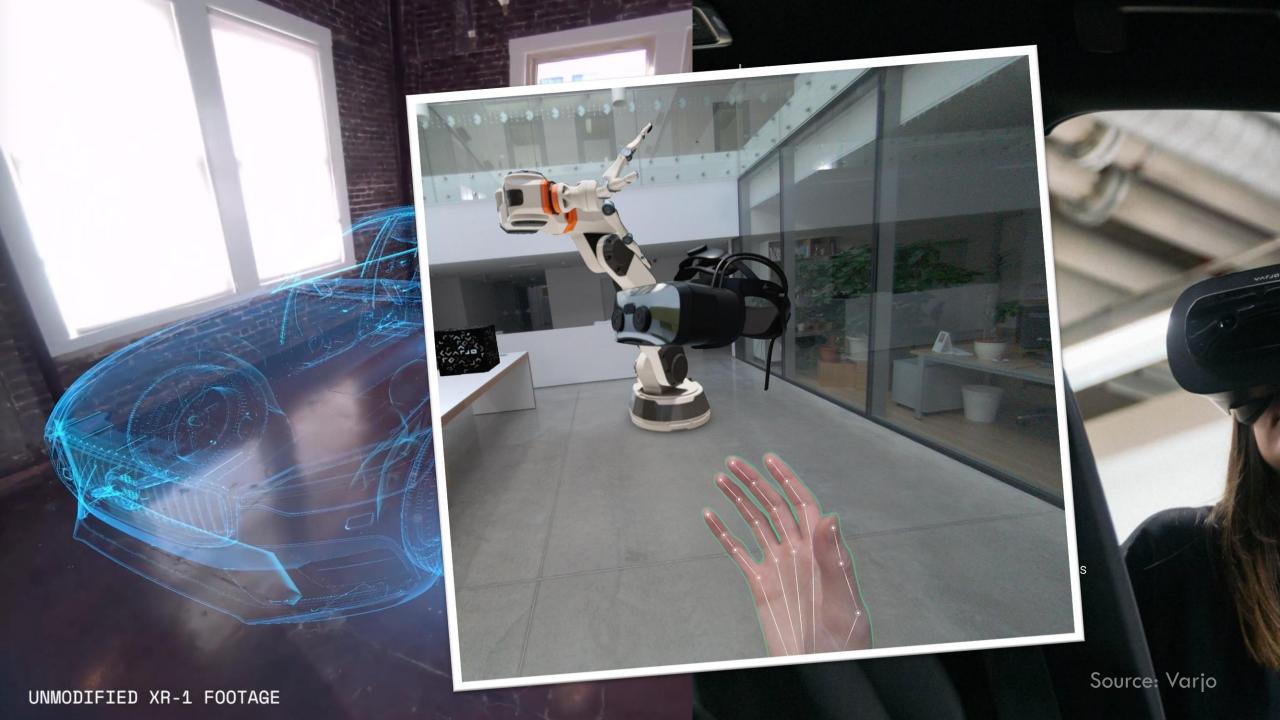
META 2



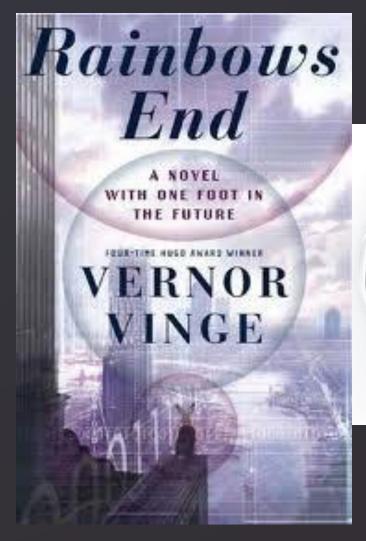
MICROSOFT HOLOLENS

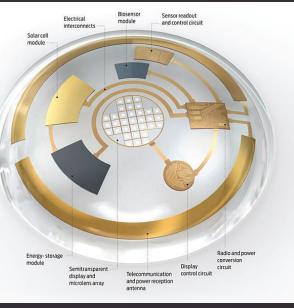


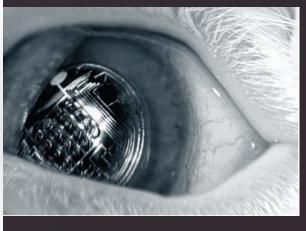
APPLE ?

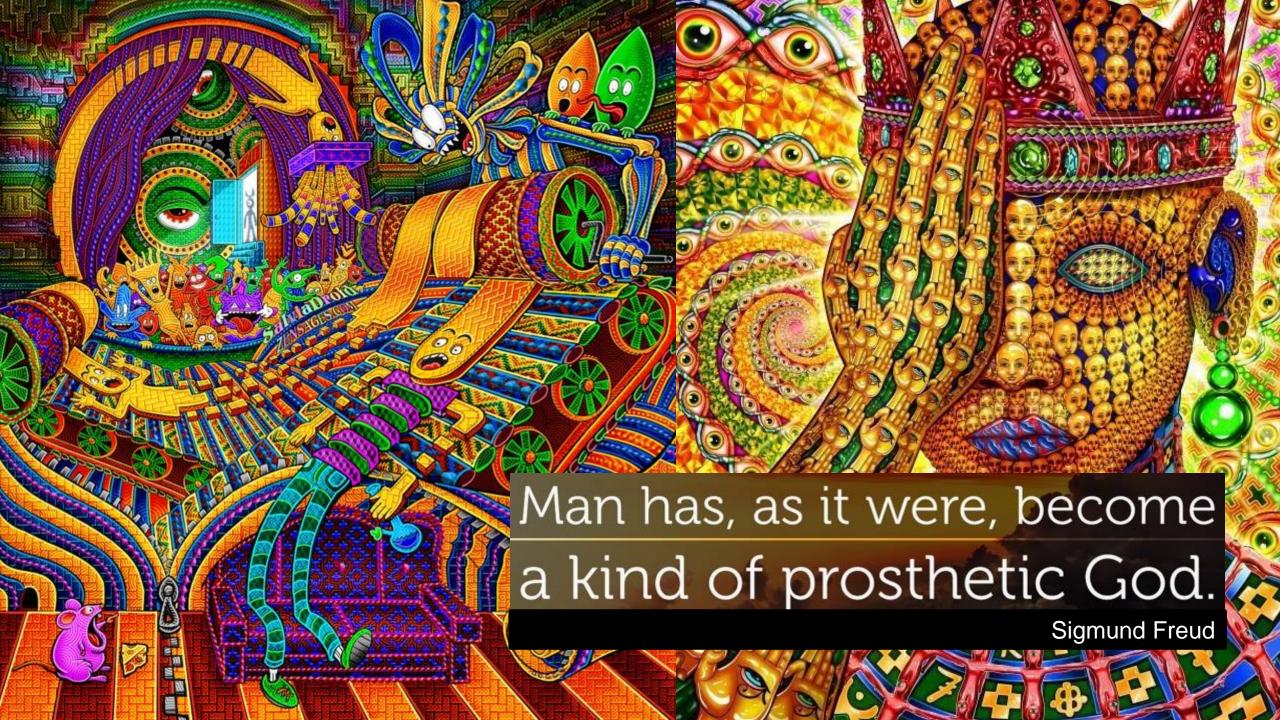


WAIT WHAT THE FUTURE WILL BRING ...









CHEAP FAKES and DEEPFAKES (creation)





Mario Klingemann: Al Art



Jordan Peele and BuzzFeed: Obama PSA



Huw Parkinson: Uncivil War



SnapChat: Amsterdam Fashion Institute



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Relabeling/

Reuse of

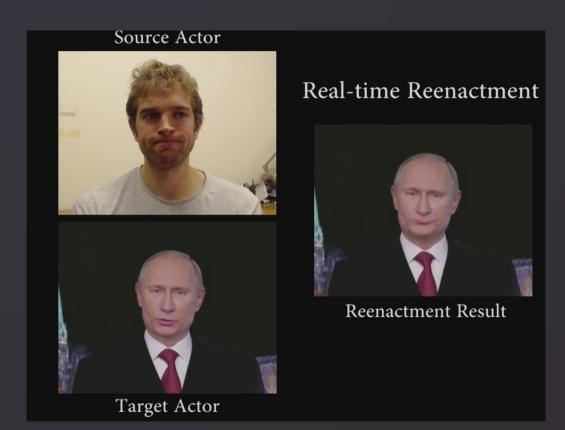
extant

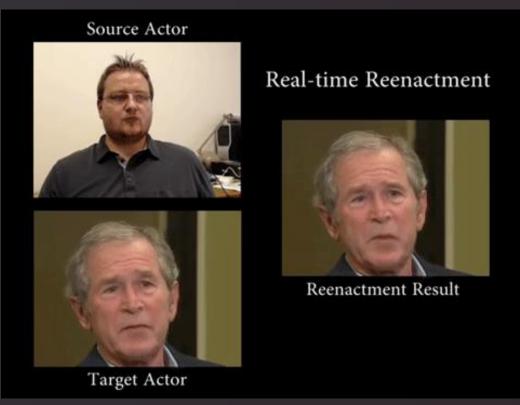
video

Unknown: BBC NATO newscast

WHO SAID WHAT?

Al Face2Face Reenactment





Dall-E2 (Open AI), Stability AI, MidJourney and Imagen (google research) convert text prompts or source images to new AI generated images



Tools

https://openai.com/dall-e-2/ https://stability.ai/ https://www.midjourney.com/ https://imagen.research.google/

Open Source on GitHub

https://github.com/CompVis/stable-diffusion
https://github.com/openai/guided-diffusion



EXAMPLES

Replicate Style

"sphere" and "landscape"

painted by

"Alfonso Mucha" and "Gustav Klimt"

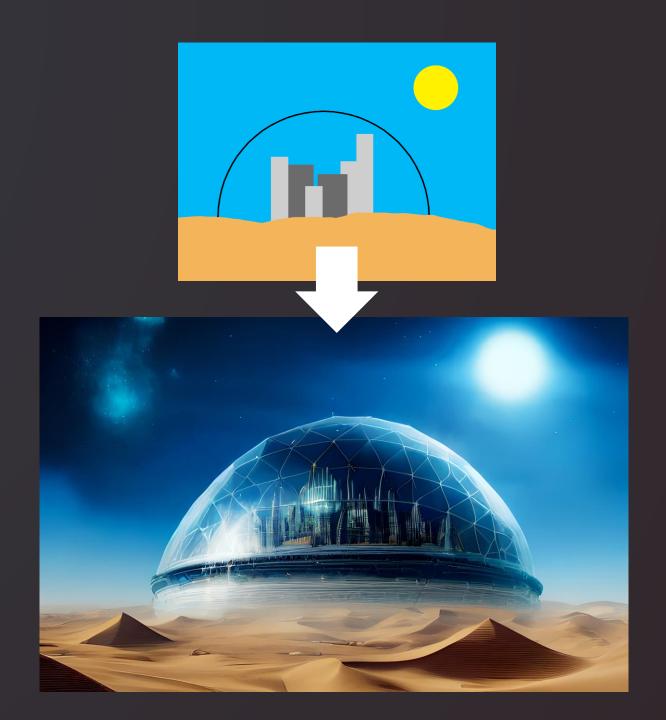




EXAMPLES

PROMPT: "A distant futuristic city full of tall buildings inside a huge transparent glass dome, In the middle of a barren desert full of large dunes, Sun rays, Artstation, Dark sky full of stars with a shiny sun, Massive scale, Fog, Highly detailed, Cinematic, Colorful"

https://simonwillison.net/2022/Aug/29/stable-diffusion/



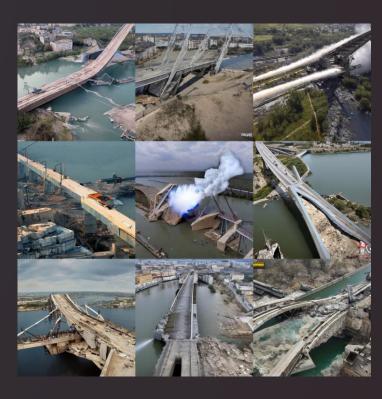
EXAMPLES



Boris Johnson wielding various weapons ...



"very sexy woman with black hair, pale skin, in bikini, wet hair, sitting on the beach."



"War in Ukraine"

generated by Stable Diffusion.

https://techcrunch.com/2022/08/12/a-startup-wants-to-democratize-the-tech-behind-dall-e-2-consequences-be-damned/

SOURCE HACKING and MEDIA MANIPULATION

(contextualisation)

"If manipulators are able to hide the source of the slogan and create sufficient social media circulation, mainstream media sources may even provide further amplification."

STRATEGIES

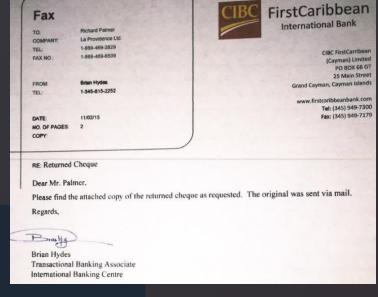
- Viral Sloganeering: repackaging divisive cultural or political messages in the form of short slogans
- Leak Forgery: forging documents that are then released as apparent leaks
- Evidence Collages: compiling information into a single, shareable image
- Keyword Squatting: strategic domination of keywords and sockpuppet accounts to misrepresent groups or individuals

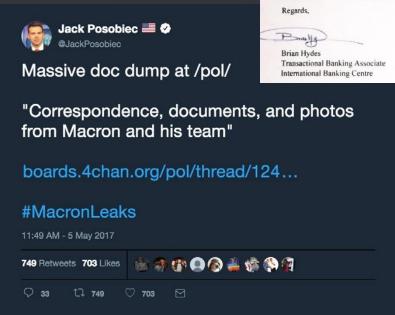
VIRAL SLOGANEERING

The viral slogan "Jobs Not Mobs" was popularized on social media and conservative press in early October 2018, before official political adoption by President Donald Trump later that month.

https://mediamanipulation.org/casestudies/viral-slogan-jobs-not-mobs







LEAK FORGERY

In the final days of the French presidential election in 2017, an anonymous individual instigated a campaign to discredit President Emmanuel Macron by dropping allegedly leaked emails on 4chan's "Politically Incorrect" board, claiming they proved Macron was guilty of tax evasion.

https://mediamanipulation.org/casestudies/muddy-waters-forged-macron-leak

EVIDENCE COLLAGES

This is not new. There have been questions circulating in the conservative media — and among Trump surrogates like Rudy Giuliani — that "something" is wrong with Clinton for months.

https://www.washingtonpost.com/news/the-fix/wp/2016/09/06/the-questions-about-hillary-clintons-health-are-absurd/



10 Doctors Question Hillary Health...

MSNBC Cuts Live Feed as She Sputters For Air...

FIT LASTED OVER 4 MINUTES...

She slams 'conspiracy theories'...

Media Blame Pollen...

Complete timeline of 2016 coughing fits...

PRUDEN: Voters have right to ask...

Thyroid problems linked to sudden cardiac death...

DATA VOIDS (distribution)

CASE-STUDY DATA VOIDS

"SEO does not require an attacker to hack into a search engine and alter the code; it simply requires an attacker to alter the information landscape that the search engine depends on."

STRATEGIES

- Breaking News: abused before legitimate content exists
- Strategic New Terms: create new terms and build an ecosystem
- Outdated Terms: little new content, exploits search engines' dependence on freshness
- Fragmented Concepts: creating distinct clusters of information that target political frames

https://datasociety.net/wpcontent/uploads/2019/11/Data-Voids-2.0-Final.pdf

ESCAPE FAKE CASE



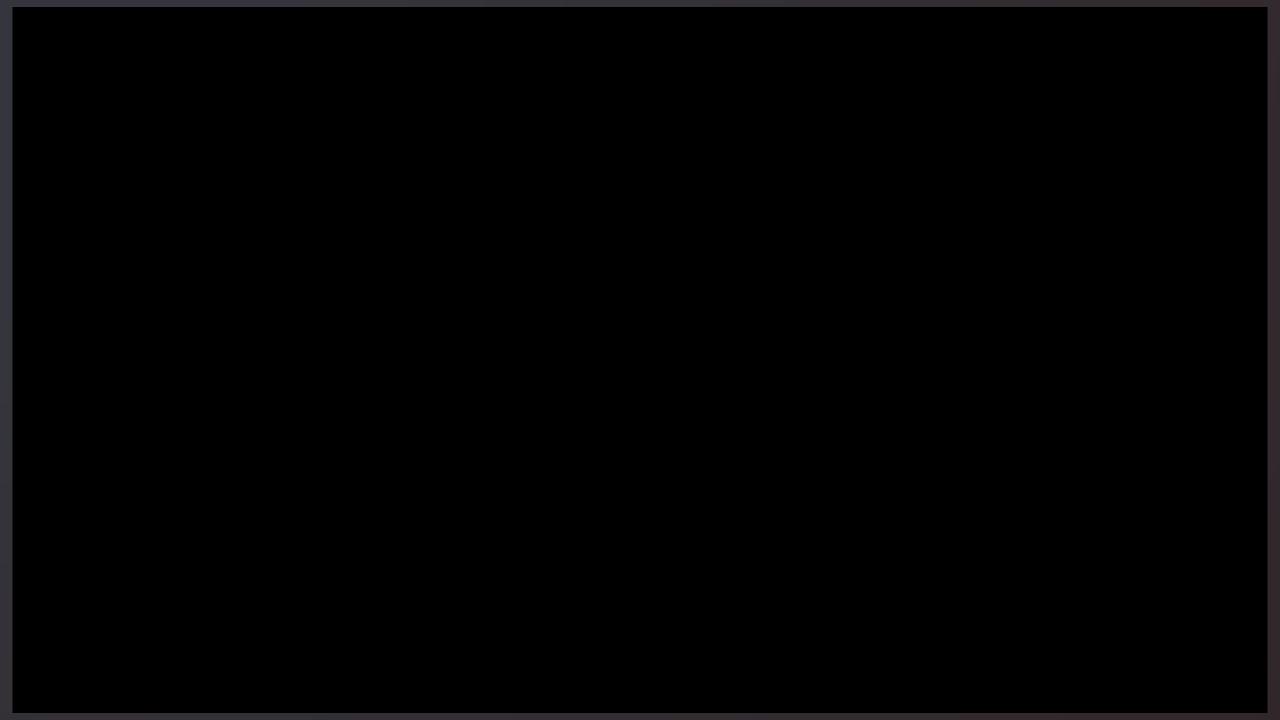


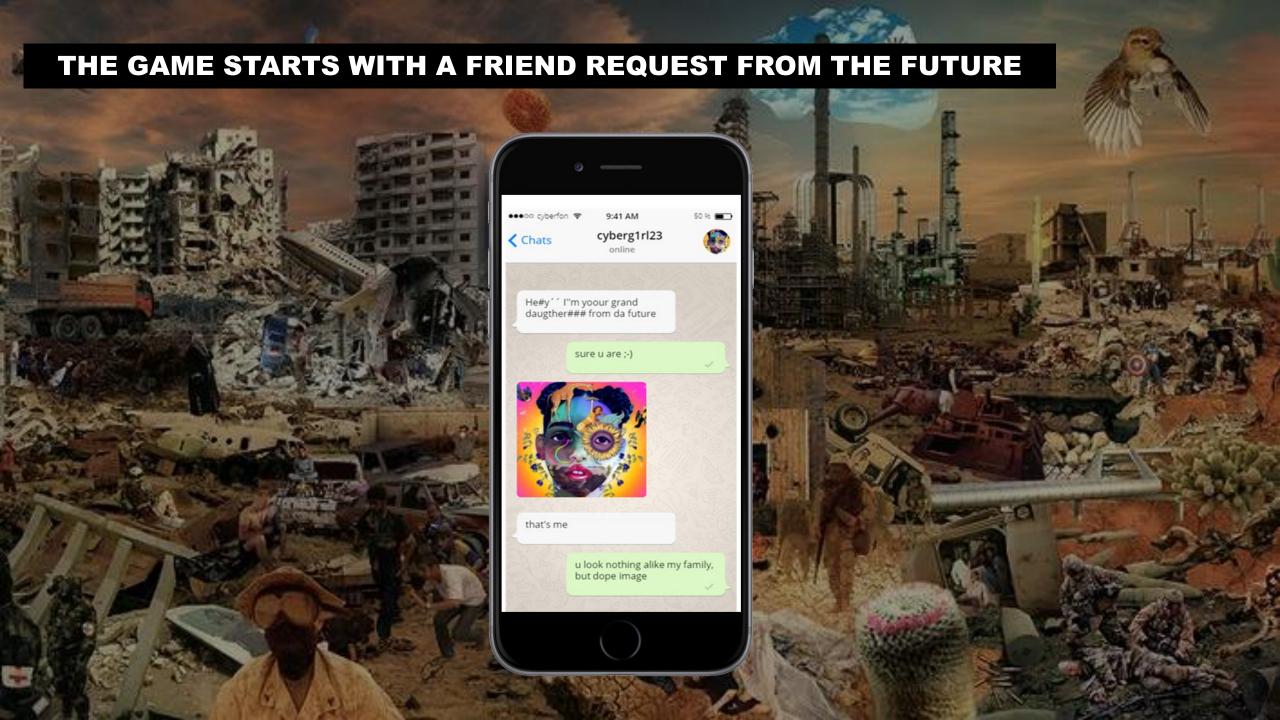




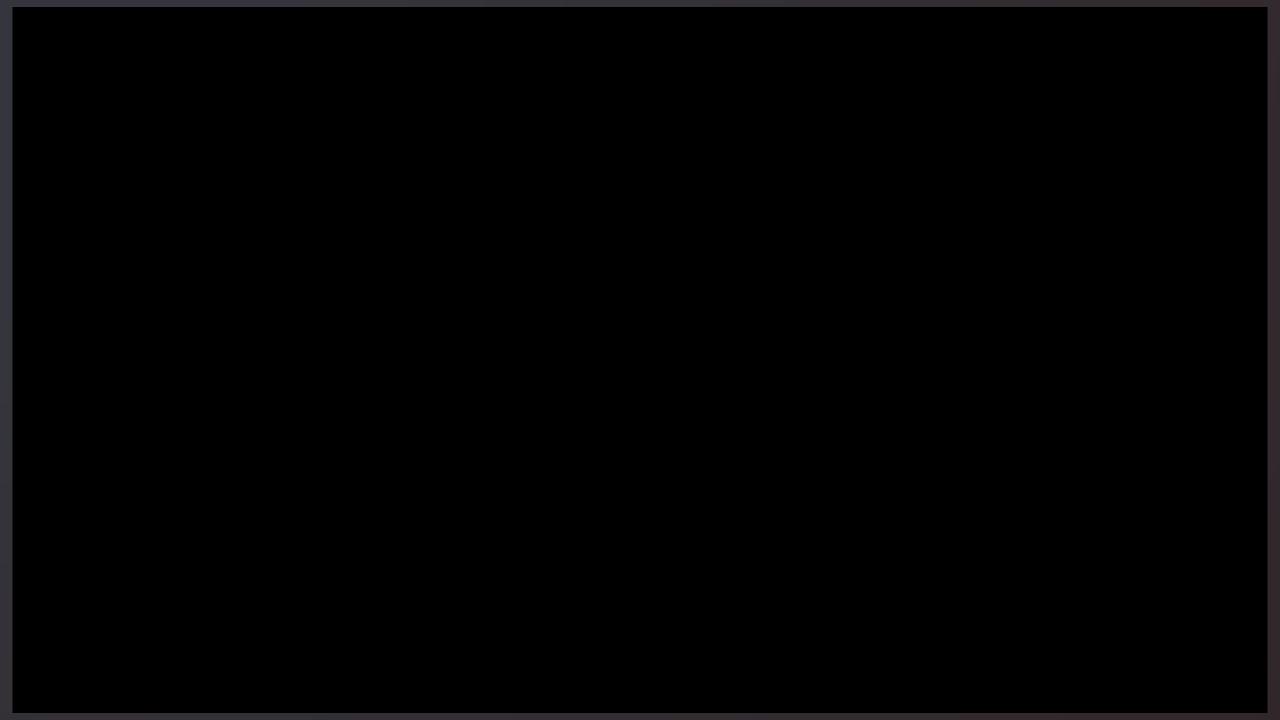












Tested with 500 young people aged 14 to 18 on Europe Day. 49 filled out evaluation questionnaires:

Most of them had never been in an Escape Room before (30), 35 were female, 10 male, 3 diverse and 1 person did not answer.

During the game, the participants were very concentrated (M=4,14) lost track of time (M=3.92) Indicators for "flow state

Scientific research: Irina Paraschivoiu irina.paraschivoiu@polycular.com support by Joe Buchner





Many would also play the game at home (M=3.31) and believed they had learned something through the game (M=2.9).

The participants who felt involved in the game (they had a higher desire to play for intrinsic reasons) were also the ones who believed they had learned the most while playing.

The game is exciting to play, and this motivates the young people to play (and learn) also for the sheer pleasure of it, and not only as part of their schoolwork.

*The M stands for the mean value, calculated on a Likert scale from 1 to 5.

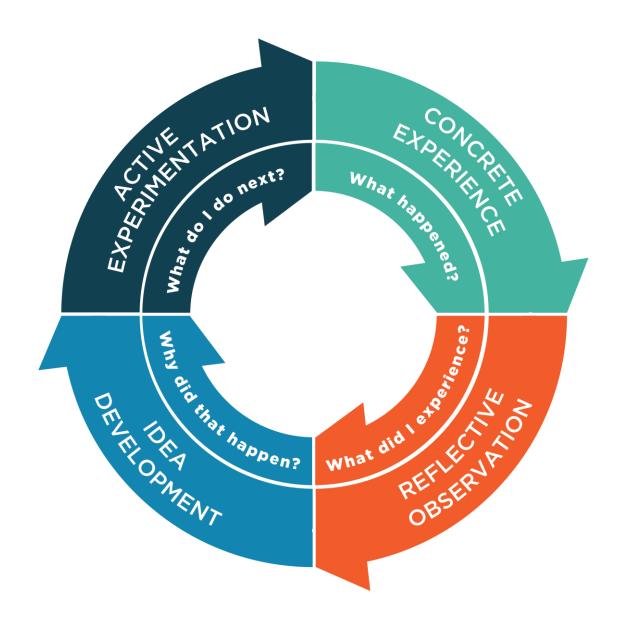
Scientific research: Irina Paraschivoiu irina.paraschivoiu@polycular.com support by Joe Buchner





EXPERIENTIAL LEARNING CYCLE

Experience (Situation/Game)
& Reflection, flipped
classroom, workshops



ON

Hands-on experience.
Try and make mistakes.



OFF

Reflect with peers or supervision.
Analyse and document.



"GROSSES LOB FÜR DIESE ANGEBOT. WIR HABEN DIE APP IM TEAM AUSPROBIERT UND SIND VON DEN INHALTEN UND DER VERMITTLUNG BEEINDRUCKT. WIR WERDEN DIE APP ALS HILFSMITTEL FÜR DIE VERMITTLUNG VON INFORMATIONS- UND RECHERCHEKOMPETENZ IN UNSEREN BIBLIOTHEKEN ANBIETEN."

> SABRINA JUHST BÜCHEREIZENTRALE NIEDERSACHSEN



and find out the truth yourself!

Jury Statement



TO promote democratic thinking

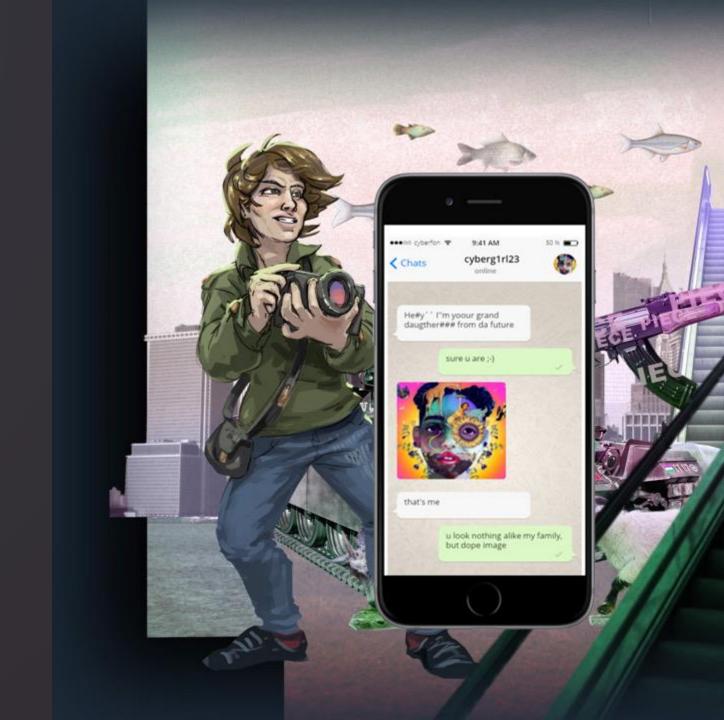
educate the youth.

Jury Statement

TRY ESCAPE FAKE!?

VISIT OUR BOOTH AT "CREATE YOUR WORLD"

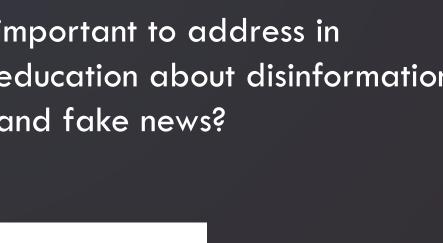
OR DOWNLOAD ON YOUR OWN DEVICE.



CO-CREATION ESCAPE FAKE 2.0

POLL

Which 2 themes do you consider to be the most important to address in education about disinformation and fake news?



- Elections
- Energy crisis
- Climate change
- Science
- **Economics** and welfare
- Politics
- Immigration
- Corporate

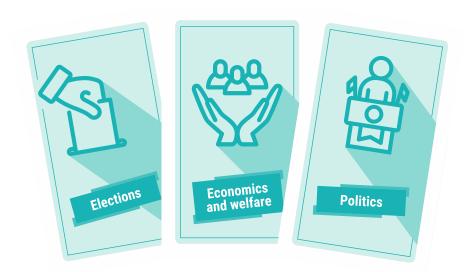


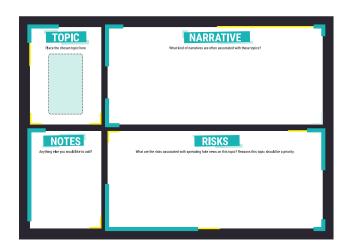
Go to MENTI.COM and use the code 4393 7539

HANDS-ON THEMES & TOPICS (15 MIN.)

JOIN A GROUP OF 2-4 PEOPLE, DISCUSS AND CO-CREATE

- Discuss the 8 topic (cards) and pick one topic that you think has priority to address in the next version of Escape Fake.
- Fill in the co-creation sheet.





POLL

Which 2 strategies do you consider to be the most important to tackle in education about disinformation and fake news?



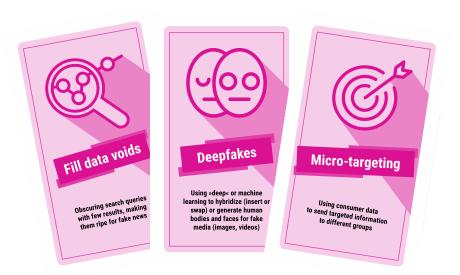
- Viral sloganeering
- Keyword squatting
- Fill data voids
- Deepfakes
- Strategic new terms
- Micro-targeting
- Filter bubbles
- Social bots
- Spoofing

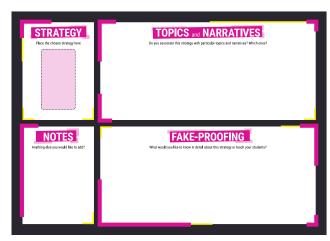
Go to MENTI.COM and use the code 4393 7539

HANDS-ON STRATEGIES & TOOLS (15 MIN.)

JOIN A GROUP OF 2-4 PEOPLE, DISCUSS AND CO-CREATE

- Discuss the 9 stratgies (cards) and pick one that you think has priority to address in the next version of Escape Fake.
- Fill in the co-creation sheet.





KEEP IN TOUCH WITH ESCAPE FAKE



If you would like to keep updated with Escape Fake and participate in testing and workshop related to the development game, please leave us your contact details below.

Go to https://bit.ly/3RIFPLv



THANK



YOU!