

# Team TrivAI

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**“How to promote critical  
thinking and agency  
connecting aspects of AI  
with other domains in a fun  
and engaging way?”**



# Team TrivAI

## ACHIEVEMENTS

- 1 sketch - gameplay
- rationale = name (trivAI) + goal (critical thinking and agency)
- 2P - detect AI generated content or not - using text and image
- P1 chooses game category (e.g. history), P2 chooses model accuracy and fabricates content to trick P1
- end of the game = players are told where they are in a range of fighting/promoting misinformation and see suggestions of fact-check sources + AI literacy content

## ISSUES

- ask AI to purposely make fake content
- show the source of real content
- clarity of the sequential steps
- identify criteria and guidelines of the game
- some abstract discussions
- scalability and code complexity

## REMAINING TASKS

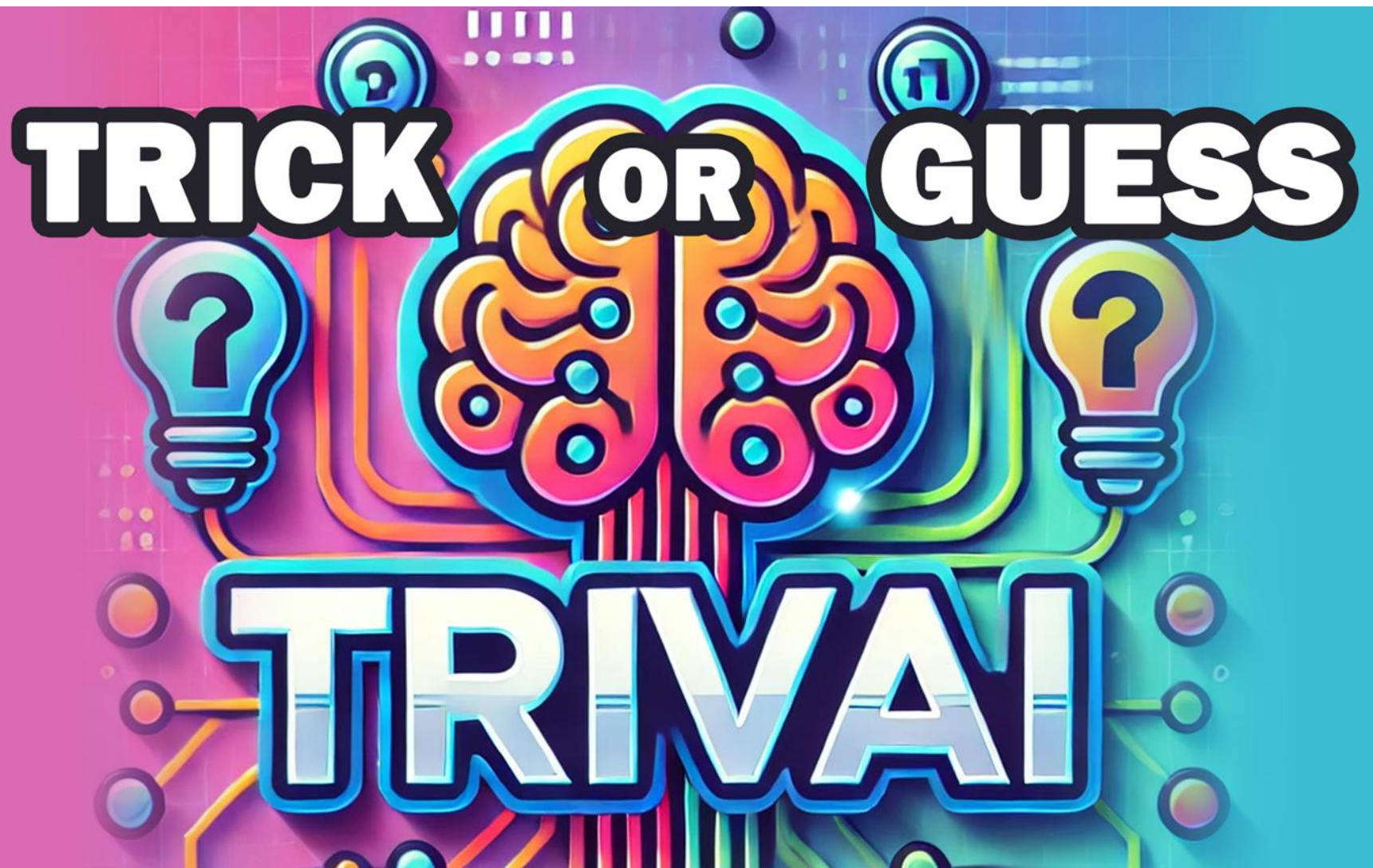
- practical aspects of gameplay (asynchronous, online mode, levels of difficulty)
- further research on the problem and existing solutions
- benchmarking - critical thinking, validation, fact-checking

## FUTURE PLANS

- design effort - introduce other game tracks to show AI complexity (biases, system, environment in which AI operates, privacy & other human rights)
- add questions for reflection - make players uncomfortable?







# GAME INSTRUCTIONS

- about AI generated content and how important it is to be able to detect it
- why TrivAI, why critical thinking & agency, what you'll face, domain of knowledge
  - what the player should do
  - player creating the narrative
  - player choosing different options

# CHOOSE A CATEGORY

**MUSIC**

**POLITICS**

**HISTORY**

**INTERNET HISTORY**

**BIOLOGY**

**MORE...**

# CHOOSE A CATEGORY

**MUSIC**

**POLITICS**

**HISTORY**

**INTERNET HISTORY**

**BIOLOGY**

**MORE...**

## CHOOSE YOUR KIND OF CONTENT

**IMAGE**

**TEXT**

**IMAGE + TEXT**

## CHOOSE THE MODEL FOR GENAI

**GPT 4.0 + DALL-E 2.0**





# CHOOSE AN IMAGE FOR PLAYER 2



**AI-GENERATED**



**REAL**



**REAL**

# REAL OR AI-GENERATED?

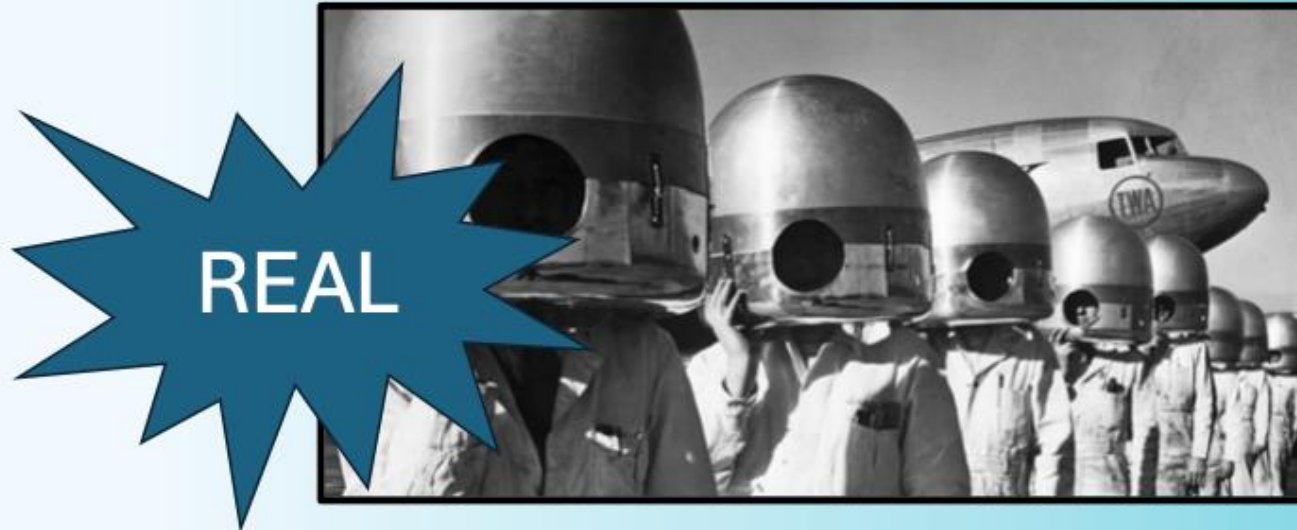


**REAL**

**AI-GENERATED**

Justify your choice...

OH, NO!  
YOUR RESPONSE WAS WRONG 🤖



May 8, 1941, New York, La Guardia Field. TWA mechanics and inspectors with propeller hub caps over their heads as they go about spring overhauling chores on the giant transport planes at the airport.

<https://www.theatlantic.com/photo/2018/01/weird-wonderful-photos-from-the-archives/551378/>

# CHOOSE YOUR KIND OF CONTENT

**IMAGE**

**TEXT**

**IMAGE + TEXT**



## CHOOSE YOUR KIND OF CONTENT

**IMAGE**

**TEXT**

**IMAGE + TEXT**

## CHOOSE THE MODEL FOR GENAI

**GPT 4.0 + DALL-E 2.0**



# CHOOSE YOUR KIND OF CONTENT



TEXT

THE MODEL FOR

P 4.0 + DALL-E 2.0



'Daddy, what did You do in the Great War?'  
by Savile Lumley - Europeana 1914-1918,  
Europe - CC BY-SA.  
[https://www.europeana.eu/item/2020601/https\\_\\_\\_1914\\_1918\\_europeana\\_eu\\_contribution\\_s\\_14387\\_attachments\\_147121](https://www.europeana.eu/item/2020601/https___1914_1918_europeana_eu_contribution_s_14387_attachments_147121)

AI Image created with copilot  
using the description of the real  
image as a prompt



POINTS (CURRENCY)

Human

AI  
generated

tools for justifying your  
decision

PLAYER 1 POINTS  
(CURRENCY)

# Results Screen

PLAYER 2 POINTS  
(CURRENCY)



CORRECT!

The image is AI generated.

Because...

Look at the following sources:

1...

2...

3...





**35%**  
**ACCURACY**

**BASED ON YOUR POINTS  
TODAY YOU COULD BE  
CLASSIFIED AS A:**

**FAKE NEWS SPREADER**

**LINKS SELECTED  
FOR YOU:**

**LINK-1.COM  
LINK-2.COM  
LINK-3.COM**

# Supporting Material (for the end)

- <https://www.vero.org.br/fakedoi>
  - [part 1](#) - what is misinformation
  - [part 2](#) - advanced search
  - [part 3](#) - identifying fabricated content
  - [part 4](#) - visual investigations