



ASTER

SEEDS HackSciArt

SEED 02-IA

RESEARCHERS

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1. ESSENTIAL DIMENSION

(Objective descriptive information of the scientific seed)

NAME

“SentIA”

KEYWORDS

Commonsense reasoning, conversational systems, Artificial Intelligence, conversational implicatures

BRANCH

Computer Science, Logic, Linguistics, Psychology, Sociology, Mathematics

ABSTRACT

The project consists of **visualizing the nature of common sense** (an AI challenge) through the production of interfaces that allow interactions between humans and machines to be established. For this, systems labeled as intelligent must be analysed, from a non-computing point of view.

METAPHOR

Do we recognize the separate common sense of a human? Can it be apprehended by interaction?

PHASES OF THE USUAL SCIENTIFIC METHOD

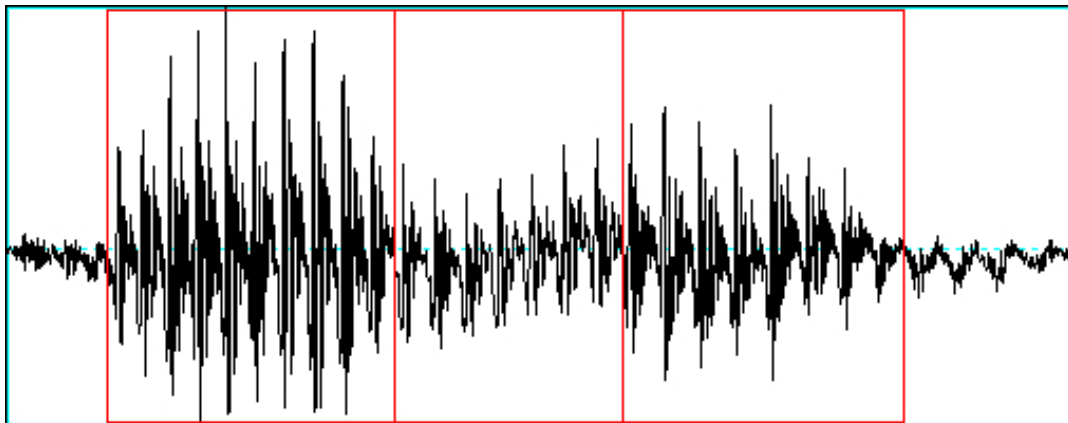
1. Play with pre-trained systems
2. Establish a skills recognition methodology
3. Apply psychological tests
4. Data collection
5. Training
6. Testing
7. Validation
8. Interaction with the visitor

TOOLS

Computers, deep learning software, multimodal interfaces

RESOURCES

1. <https://infiniteconversation.com/>
2. <https://twitter.com/GaryMarcus/status/1598208285756510210?s=20&t=3QCCHJISb14-4Rq-IXHUIw>



2. ADDITIONAL DIMENSIONS

(The following sections add subjective information from the scientific seed, in order to inspire creatives in the creation of a SciArt work. Some of the sections may not have information if the researcher chose not to specify anything.)

SCIENTIFIC MOTIVATION

How to interpret the conversational systems from the hypothesis that something of what common sense possesses. As a starting point to investigate their ability to recognize language phenomena and common sense such as irony, humor, metaphors, etc.

In the current context, the explicability of the behavior of intelligent systems in general must be treated both in research and industrial aspects and in social, psychological aspects.

METAPHYSICS

What is common sense? What is artificial common sense? How do humans learn common sense? Can a machine be taught common sense in such a way that it uses it in its interaction?

ETHICS

To what extent can human common sense be replaced by a machine?

COLORS

BLUE and transparent.

SOUNDS

Maternal (including interjections - scold-warn-approve, common phrases, etc.)

AROMAS

Unanswered.

FLAVORS

Unanswered.