CHIST-ERA Call Development Conference 2021 - Topic 2 - OSNEM #6

Practice area

Practice adding notes to the MURAL board here

Click and drag the post it to move it

Drop the post it note here

type 123

test

Double click to produce a post it note and type on it

Double click tag to type your name and affiliation, drag to your location on the map

Tag your name and affiliation

Name, Location

Name, Location

Name, Location

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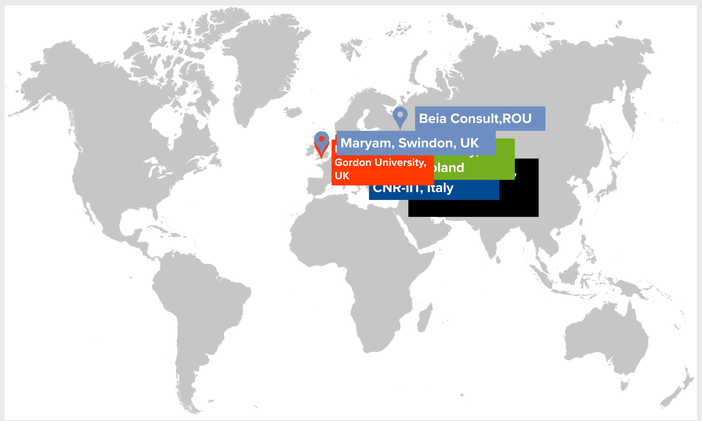
Name, Location

Name, Location



Free Parking

Zoom in and add post it notes

This space is for any ideas you may have that there is no place for, or any feedback you would like to give the organisers

Session I

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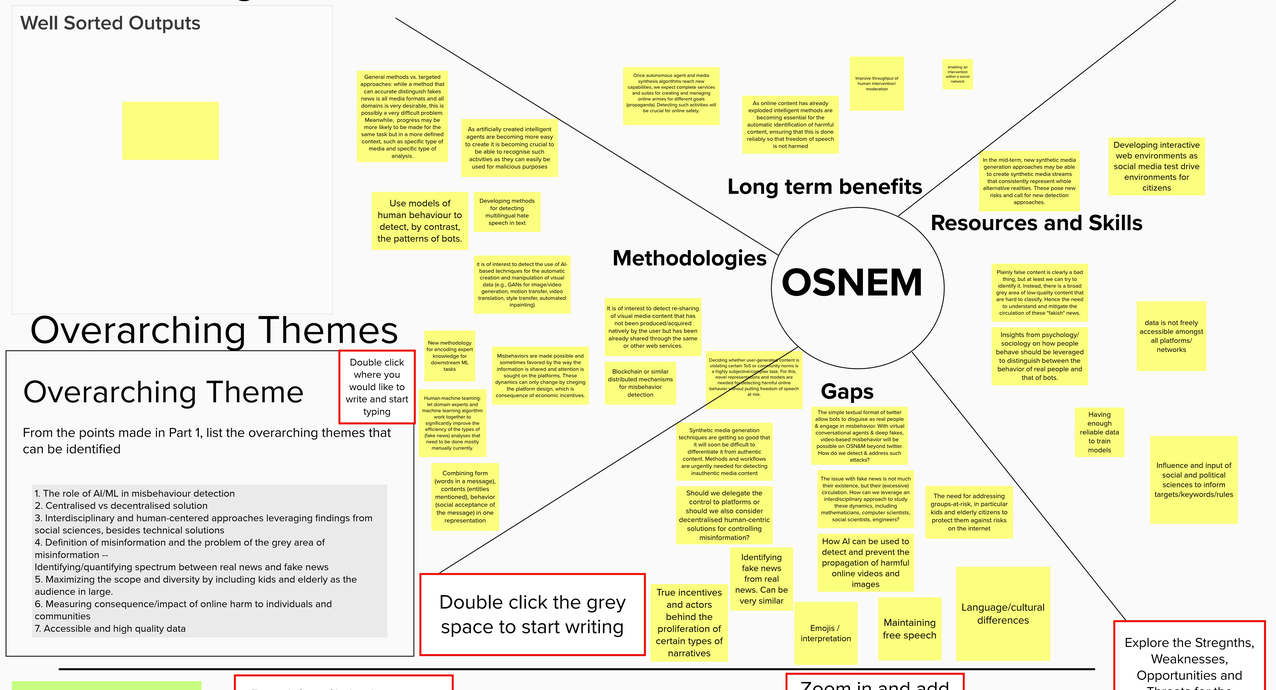
Zoom in and double click to produce a post it note

Brainstorming

Well Sorted Outputs



Overarching Themes

Overarching Theme

Double click where you would like to write and start typing

From the points made in Part 1, list the overarching themes that can be identified

1. The role of AI/ML in misbehaviour detection
2. Centralised vs decentralised solution
3. Interdisciplinary and human-centered approaches leveraging findings from social sciences, besides technical solutions
4. Definition of misinformation and the problem of the grey area of misinformation -- Identifying/quantifying spectrum between real news and fake news
5. Maximizing the scope and diversity by including kids and elderly as the audience in large.
6. Measuring consequence/impact of online harm to individuals and communities
7. Accessible and high quality data

Double click the grey space to start writing

Explore the Stregnths, Weaknesses, Opportunities and Threats for the Overarching Themes from the previous session

Session II

Double click the grey space to start writing

Ranking Overarching Themes

From the points made in Session I, rank and add a description to the Theme

1. Interdisciplinary and human-centered approaches leveraging findings from social sciences, besides technical solutions

2. Accessible and high quality data (the data annotation protocols must developed and applied to extract useful information from available social media data), the role of AI/ML in misbehaviour detection

3. Measuring consequence/impact of online harm to individuals and communities in large, including kids and elderly

4.

SWOT Analysis

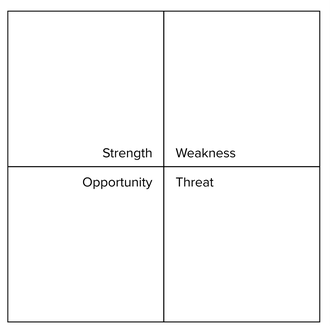
Zoom in and add post it notes

Overarching Theme #1

Overarching Theme #2

Overarching Theme #3

Overarching Theme #4



Session III

Zoom in and double click to produce a post it note

Maximising Success.....

How can Weaknesses and Threats be addressed

Refer back to the SWOT analysis and discuss how the weaknesses and threats could be mitigated

We need studies to develop our scientific knowledge of human conceptualization of online behavior and relations in social media across generations of internet users (z, y, x)

Studies for developing a systematic investigation of the concept of "harm" at the overlap between online and physical context

Develop methods and standars for objective and systematic data annotation for AI/ML models

Develop simulation environments for kids and elderly to speed up improving skills for digital citizenship and social inclusion

develop new models for real human online behaviour

develop dynamic tools that evolve as bots evolve

develop causal models for misinfo spreading

improve the definition of misinformation and classify its grey areas in homogenous categories that can be addressed in a similar way

Develop decentralised solutions that move away from the platform-oriented global approach

XAI, so that humans are really in the loop and can understand the reasoning behind the choices

more a reflection than a solution, but garbage in, garbage out: if data are walled within platforms and not shared, difficult to carry out meaningful research

What is deliverable in a 2-3 year project

What could a CHIST-ERA Project potentially deliver?
What exploitation and market strategy can offer a CHIST-ERA project?

Data-driven evaluation of a misbehaviour detection algorithm

Dynamic, evolving AI-based bot classifier

Industry partners, NGOs, academic institutions, K12 schools

Social media test drive environments to facilitate direct user experience (UX)

Experimental studies that aim at developing technology acceptance models

Disciplines: computer science (data science, AI), social science (sociology, psychology, anthropology)

Cognitive models of human behavior in cyberdeception environments

Curricula and guidelines for preventing misbehavior in the internet ecosystem

Transnational difficulties

What challenges could be faced by a BCI CHIST-ERA project due to its transnational nature

Region-specific and language specifing annotation effort

Rich modality of the data for classification (e.g., text, image, video)

Likely conflicts due to the presence of political bodies and enterprises (i.e., businesses) that exploit social media for dissemination

The conflict between privacy through anonymity and opinion raising through publicity: Different implementation of internet regulations across the borders