

Ergo Masters Student - Poster Presentation

ChatGPT (dorine valleix)

We have all heard about ChatGPT lately. While some people have talked about a revolutionary tool, capable to give complex and constructed answers about precise topics, others are more perplex. The main example is that ChatGPT can create fake news very easily, without expressing a sign of doubt. Have you already tried to use it to finish your homework? Or are you a teacher wanting to know who has already done this? In my poster, you'll discover how GPT learns, processes, and gives answers. I can't promise you the ultimate guideline, but maybe learning more about GPT Chat will help you use it correctly and understand what it is *really* capable to do or not.

Convinced? Come discover my amazing poster about ChatGPT on April 3rd at the exhibition in the room 20020. I'm looking forward to all your questions!

Proteus Effect (Samantha)

Hello !

Have you heard about The Proteus Effect ? It is a phenomenon where our virtual identity changes our behavior in the real world. It is becoming an increasingly relevant issue in our lives due to the rise of online communities. However this can also have negative consequences, such as causing addiction to the internet, leading to a decline in real-life social skills, and increasing the likelihood of online harassment. To address this, it's important to be aware of the Proteus Effect and maintain a healthy balance between our online and offline lives and encourage others to do the same. By promoting a more positive virtual environment, we can mitigate the negative consequences.

If you're interested about virtual worlds and you want learn more about it , come at our exhibition in April 3rd in the room 20020.

UX Research - Florence

Did you heard about UX Research ?

UX Research stands for User Experience Research and is a method used by designers to understand how users - *like you and me* - interact with products or services. You'll discover that UX Research involves a human-centered approach that focuses on understanding users'

behavior, attitudes, and emotions. This helps designers create products that are not only functional but also user-friendly and intuitive.

In the future, UX Research will continue to play a vital role in creating user-friendly and intuitive products, as the demand for digital experiences grows. If you're interested about understanding the power of UX Research and how it could help you, come and join us the April 3rd in the room 20020.

autonomous pizza delivery robot - SARRAZIN Marine

Have you heard about the autonomous pizza delivery robot? My poster topic is all about the acceptability of an autonomous pizza delivery robot. My study aims to understand how people perceive these robots as a new mode of delivery in urban areas and whether they are willing to use them or not.

What I found is quite interesting. I conducted surveys and focus groups and found that despite some initial hesitations, there are more participants who were actually in favor of the use of autonomous robots for pizza delivery. They mentioned the convenience and speed of delivery as the main reasons for their support.

So, why is that important? My research highlights the potential for these robots to revolutionize the food delivery industry and make it more efficient and cost-effective. It also showcases how people perceive the new technologies and how they can be used to improve our daily lives.

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The effect of Virtual Reality on the productivity of domestic fowl in battery - SOULARD Olivia

Decades and decades of evolution to finally put virtual reality headset on chickens, Wow!

Much studies in psychology have shown that phenomena such as embodiment, sense of presence, and emotions play a significant role in behavior production. The aim of this presentation is to show how virtual reality can change chicken behaviors, but the point is not to embody a chicken!

The researchers demonstrated that providing a simulated environment with natural sounds and images of the outdoors through VR promotes the natural behavior and physiological needs of birds, resulting in improved growth and development.

Join us for a presentation on how virtual reality can be used to manipulate cognition and potentially change behaviors at our exhibition on April 3rd in Room 20020.

Human cloning hope in a posthumanism mind. Jülian SALAZAR

Think about the last time you had a busy day and wished for extra hands. What if you could have a clone of yourself to help you ? Sounds like a dream come true, right? But what happens when the lines between the original and the duplicate start to become blurred?

This is a world where a single DNA sample could create an exact duplicate of a human being. The concept of cloning has been a staple of science-fiction for decades, but what if it were a reality? The ethics and morality surrounding cloning, the potential medical advancements and the consequences for humanity, will be discussed during the exhibition day . Get ready to dive into the fascinating world of cloning and its impacts on our future.

Are you sure you are human ?, by Romeo PEREZ

What really defines a human mind ? Psychology and neuropsychology are relatively new parts of sciences, but we have reached with the time and number of studies a high level of comprehension of the human brain. In another way, technology is entering a new revolutionary era, with especially artificial intelligence, a technology centered in the imitation of human cognition functioning. Pictures and sound recognition, rules learning, and complex language production, a lot of human executive functions can be simulated. Actually, every part of our understandable mind could be represented in a computational way. If one of your neuron connections was replaced by an artificial implant exercising the same electric connection, are you however becoming a machine ? If your answer is no, imagine if one million of your neurons were replaced ? Or a billion ? My poster will talk about this kind of philosophical question but through an exploration of an exhaustive compilation of a neuropsychological comprehension and some examples of its artificial intelligence application.

Virtual Reality applied to education - Antoine Auchet

Ever thought about teleporting yourself in a chemical laboratory, or to observe the manufacturing process of an aircraft, may be to navigate through the body to understand the inner functions and much more ! Virtual reality applied to education creates new possibilities for experimenting learning.

Indeed, throughout history, education has evolved from traditional classroom settings to more modernized approaches such as online learning. With the emergence of Virtual Reality (VR), education is advancing to a whole new level. VR technology offers immersive experiences that enhance learning abilities, motivation, engagement. Furthermore, VR could provide a more inclusive learning environment,

designing an environment to fit each individual. Overall, the integration of VR into education offers exciting opportunities to revolutionize the way one learns and teaches.

Come have a look and enjoy the future of learning through immersion ! The event will take place in room 20020 on April 3rd !

The Curse of knowledge

Does this term seem strange to you? Yet it concerns everyone. The « curse of knowledge » is a cognitive bias which affects our ability to effectively communicate with others. It occurs when people who are communicating assume that the other individuals have the background knowledge to understand.

This bias has implications in many areas, including the ergonomics of man-machine interfaces. For example, developers must be aware of this bias to avoid assuming that everyone understands the interface at the same level. This can help ensure that the learning environment is fairer and efficient.

Therefore, since not everyone has the same knowledge, it is essential to take into account the diversity of the public who will use these interfaces and therefore to vulgarize, popularize and adapt what should be shared.

In short, the poster will present to you the impact of this bias in details - how it is put in place and how to find solutions to make your communications adapted.

Everyone can be concerned ! Come see the presentation if you are interested on April 3rd !

The impossible cow musical (Hugo)

Are you ready to uncover the mystery of why humans can happily dance, but cows cannot? Join me on a fascinating journey into the depths of the human brain and cognitive abilities that enable us to move rhythmically to music. My science poster delves into the secrets of how our brains process music and produce motor responses that allow us to dance with ease.

As you explore the poster, you'll gain a deeper understanding of the cognitive processes that differentiate us from our bovine friends. From the neural networks responsible for beat perception and timing to the emotional centers that are activated by music, you'll discover the intricate workings of the human brain that make dancing a joyful and uniquely human experience.

So come along and discover the wonders of the human brain in action. Explore the science behind our ability to dance and revel in the emotional joy of moving to music. You won't want to miss this chance to enhance your understanding of what makes us uniquely human.

Come to us, discover our science (and our delicious snacks) on April 3rd in room 20020 !

Sexual robots: the future of our relationships (Margaux)

Imagine a future where sex robots have replaced intimate human relationships. What will be the consequences for our perception of love and relationships? Come and explore with us the social, cultural, and ethical implications of this revolutionary technology.

We will address the most important questions such as the responsibility and regulation of sex robot manufacturers, as well as the implications for mental health and individual and collective well-being. Together, let's discover the future of our relationships and what it means for our understanding of love and sexuality.

Come discover my amazing poster about Sexual Robot on April 3rd at the exhibition in the room 20020. I'm looking forward to all your questions!