

The Quantum Prisoner

A GREAT ADVENTURE AT THE HEART OF SCIENCE AND TECHNOLOGY

[FREE VIDEO GAME]

The logo for CEA (Commissariat à l'énergie atomique et alternative) is a red square containing the lowercase letters 'cea' in a white, stylized, sans-serif font. A thin green horizontal line is positioned below the letters.

cea

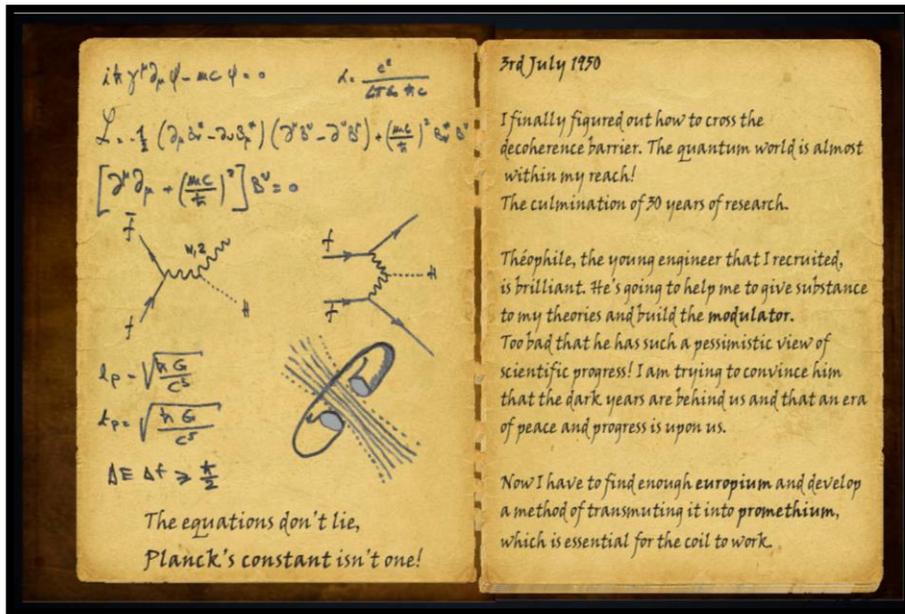
<https://quantum-prisoner.com>

- ▶ A classical **2D point'n'click game** melting **adventure** (25 places to explore) and **puzzles** (30 minigames to solve)
- ▶ More a "**game serious**" than a "serious game"
- ▶ **12~15h of playtime** (and secondary quests)
- ▶ **Totally FREE** (no ads, no account required)
- ▶ Browser based, Android App, or Android/iOS webapp



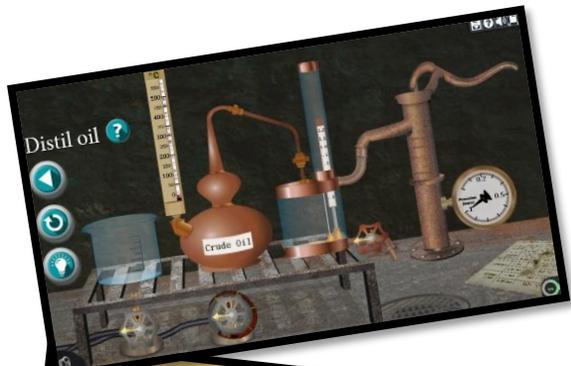
- ▶ Intended for **secondary school** and **sixth form students** (from 13~14) to make science more fun and captivating
- ▶ **Developed by ourselves** (tiny budget, no studio) with the help of ~30 CEA scientists (graphics by a videogame artist)
- ▶ First release oct'19 (French), English version available since oct'20. **Today more than 150k players**

A **particle physicist**, named Artus Cropp, **disappeared** mysteriously in the early 60's, while he was **about to reveal an incredible discovery he made inside the matter** that could change the world.



Sixty years later, a young woman named **Zoe finds his research notebooks**, evoking this discovery, in an abandoned farm. And **she will go after his secret around the world**, with the help of her friend Ulysse (a young scientist) **to find the truth**, and even more!!

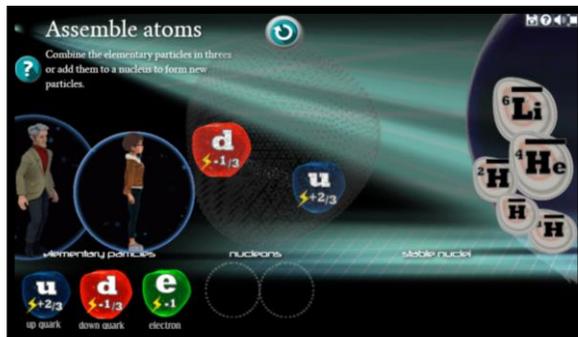
► **A sci-fi narrative**, based on real scientific hypothesis and fantastic interpretations.



- ▶ The global background (characters, places, dialogues) is related to science and how scientists work
- ▶ Most of puzzles are based on science or technology mechanisms, in many topics : chemistry, physics, energy, climate, IA and programming, electronics,... and also **particles physics** and quantum physics!
- ▶ Each puzzle:
 - is based on a different gameplay
 - comes with **clues** to unblock the player if he/she's stuck
 - comes with an **explanation video** to **deepen knowledges** and help the player **distinguish real science from simplifications** (especially in time durations and representations) **and pure fantasy**. Videos are in French but are subtitled in English.
 - Can be played through a direct link and with a teacher's kit

A part of the plot takes place at the CERN, in a "virtual" Atlas laboratory and several puzzles involve particle physics:

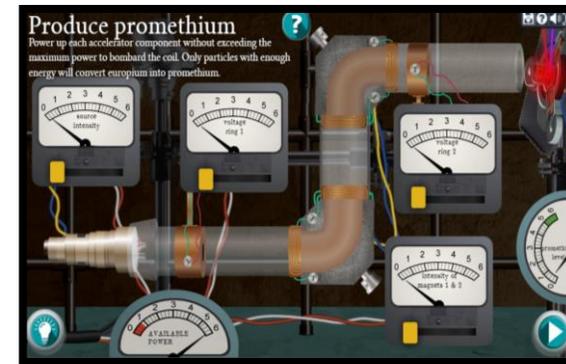
Build your own atoms!



<https://quantum-prisoner.com/jeu/index.html?savepoint=alchemy>

- Create particles, nuclei, and atoms starting from elementary particles and learn how matter is structured.

The accelerator

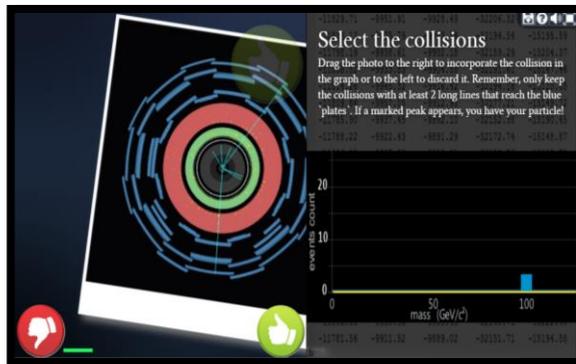


<https://quantum-prisoner.com/jeu/index.html?savepoint=accelerateur>

- Transmute europium into promethium with your accelerator and learn how it works and what is the energy of a particle

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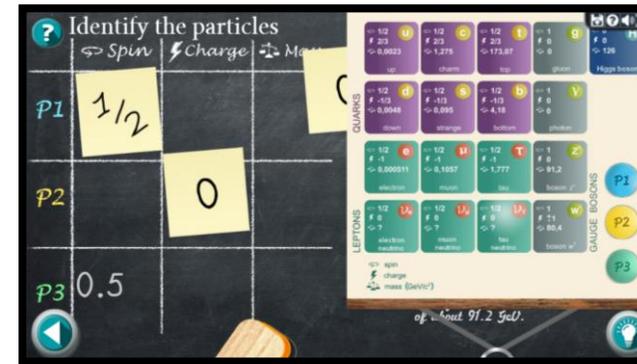
The particle hunt



<https://quantum-prisoner.com/jeu/index.html?savepoint=collisions>

- ▶ Select interesting collisions among a large Atlas data set to reveal the mass peak of a new particle and learn how scientists chase particles.

The particles who's who



https://quantum-prisoner.com/jeu/index.html?savepoint=qui_est_qui

- ▶ Collect clues and identify particles with the help of the standard model.

- ▶ More puzzles
<https://quantum-prisoner.com/welcome.html?teachers>
- ▶ Teaser
<https://www.youtube.com/watch?v=4dqFtWyTweE>
- ▶ To share on social media
#TheQuantumPrisonerGame
- ▶ Any question? Contact us

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