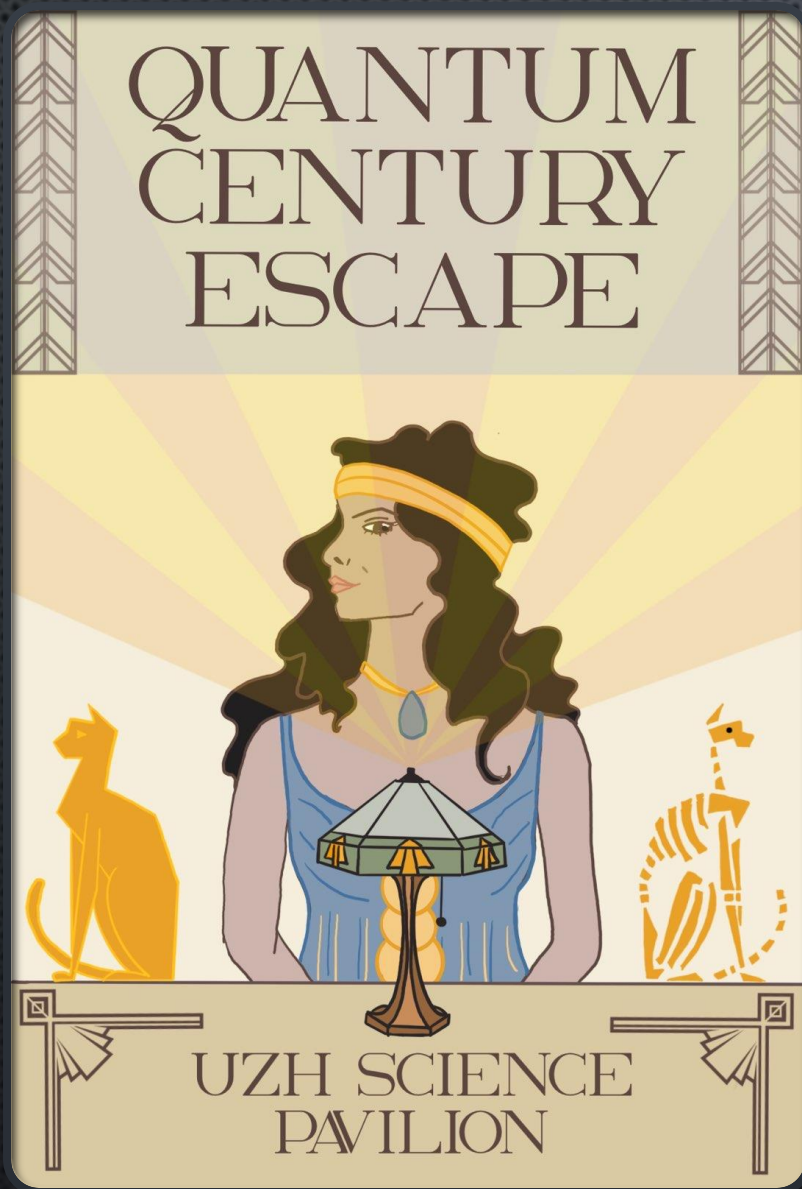




THE MAKING OF A PHYSICS ESCAPE ROOM

COMING SOON TO UZH!



**Swiss National
Science Foundation**

Science Pavilion UZH

- MORANA MIHALJEVIĆ
- KATHARINA MÜLLER
- MELANIE WIDMER
- MEIKE GÜNTHER
- LISA HEIERLI



100 YEARS OF QUANTUM MECHANICS

SCHRÖDINGER'S EQUATION, UZH* 1925

Planck's constant

Called the 'del-squared operator', this quantity describes how the wavefunction, Ψ , changes from one place to another

A mathematical quantity called an 'imaginary number'. It is equal to the square root of minus one

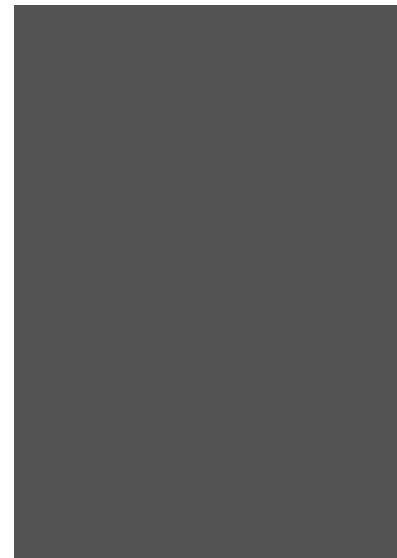
$$-\frac{\hbar^2}{2m} \nabla^2 \Psi + V\Psi = i\hbar \frac{\partial \Psi}{\partial t}$$

The mass of the particle being described



A TIGHT ROPE TO WALK

- HOW DO WE CELEBRATE PHYSICS AND THE HISTORY OF OUR INSTITUTIONS.... WITHOUT GLORIFYING PHYSICISTS?



TRINITY N

EST. 1953

NEWS FEATURES EDITORIAL COMMENT GAEILGE LIFE SCITECH

News



Schrödinger Lecture Theatre to be renamed the Physics Lecture'

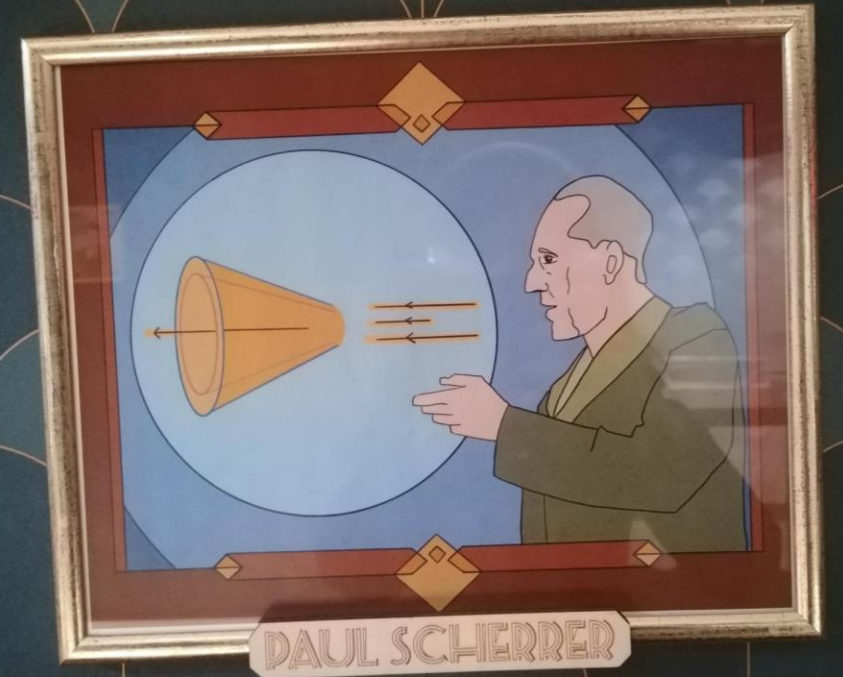
Students and staff in the School of Physics called for the change due to Erwin Schrödinger's history of sexual abuse
[Bella Salerno](#)

This article contains discussion of sexual abuse, including of children.

The Schrödinger Lecture Theatre is to be renamed the Physics Lecture Theatre, as it was known during the early to mid 20th century.

THE PLIGHT OF THE "GENIUS CULT"

- HOW DO WE AVOID ALIENATING THE PUBLIC?
- HOW DO WE UNDO THE DAMAGE?
- HOW CAN WE SHARE THE JOY OF DISCOVERY?
- HOW CAN WE MAKE PHYSICS ACCESSIBLE?



TARGET PUBLIC

- YOUNG PEOPLE, ABOUT TO CHOOSE STUDY PATHS
- INTERESTED ADULTS

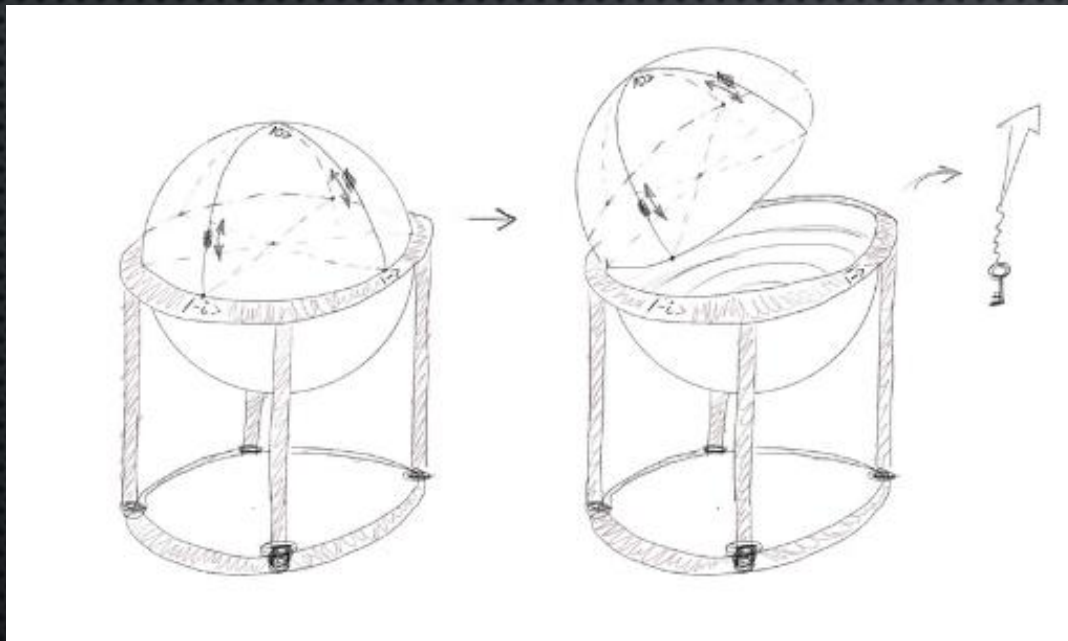


INTERACTIVE EXPERIENCE

- A GAME... WHERE YOU DO RESEARCH
- INSPIRATION: LAB ESCAPE BY PAUL KWIAT



FROM CONCEPT TO PRODUCTION





Physik-Institut UZH

- TITUS NEUPERT
- CHRISTOF AEGERTER
- LÍDIA DEL RIO
- NURIYA NURGALIEVA
- ALEKSANDRA NELSON
- NICO AEGERTER



PHYSIK- WERKSTATT



- RETO MAIER
- BRANDON WALDMAKER
- CHRIS ALBRECHT

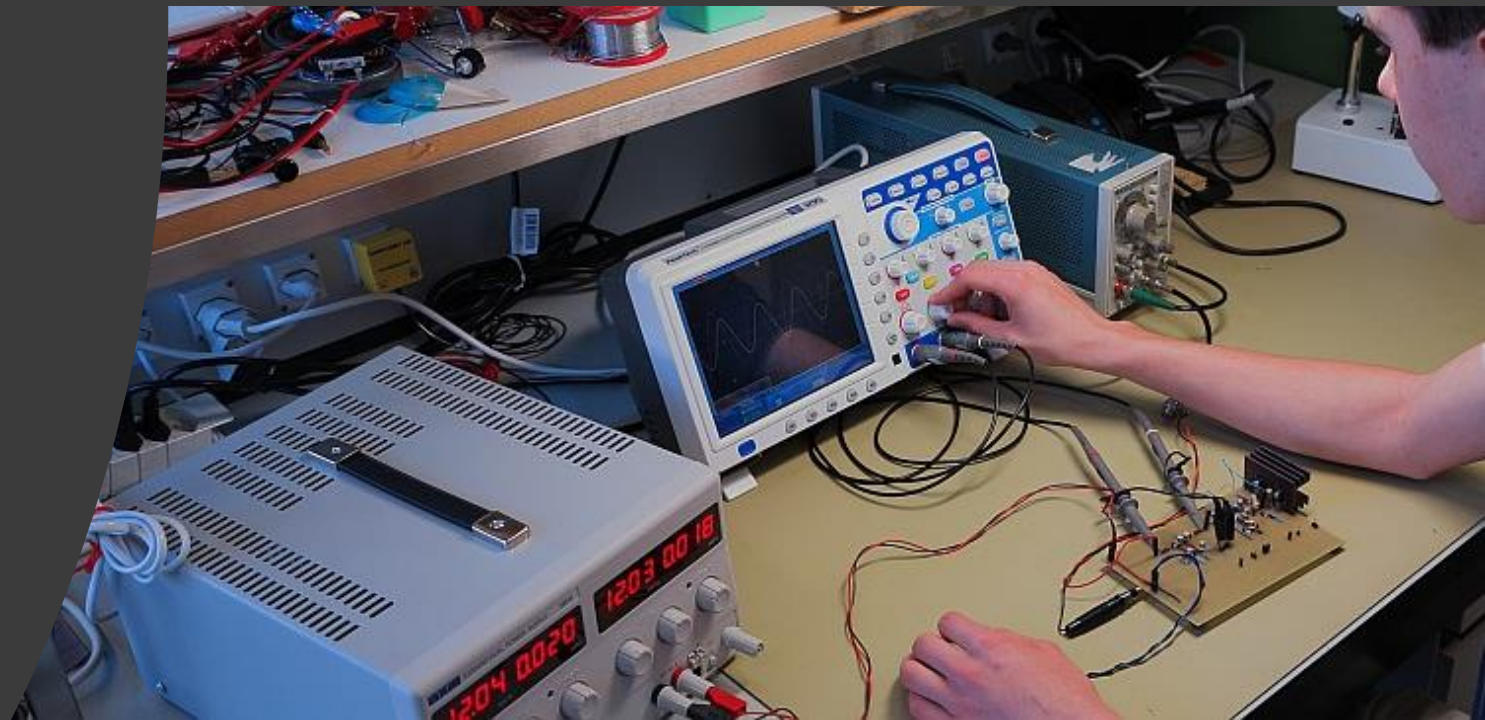


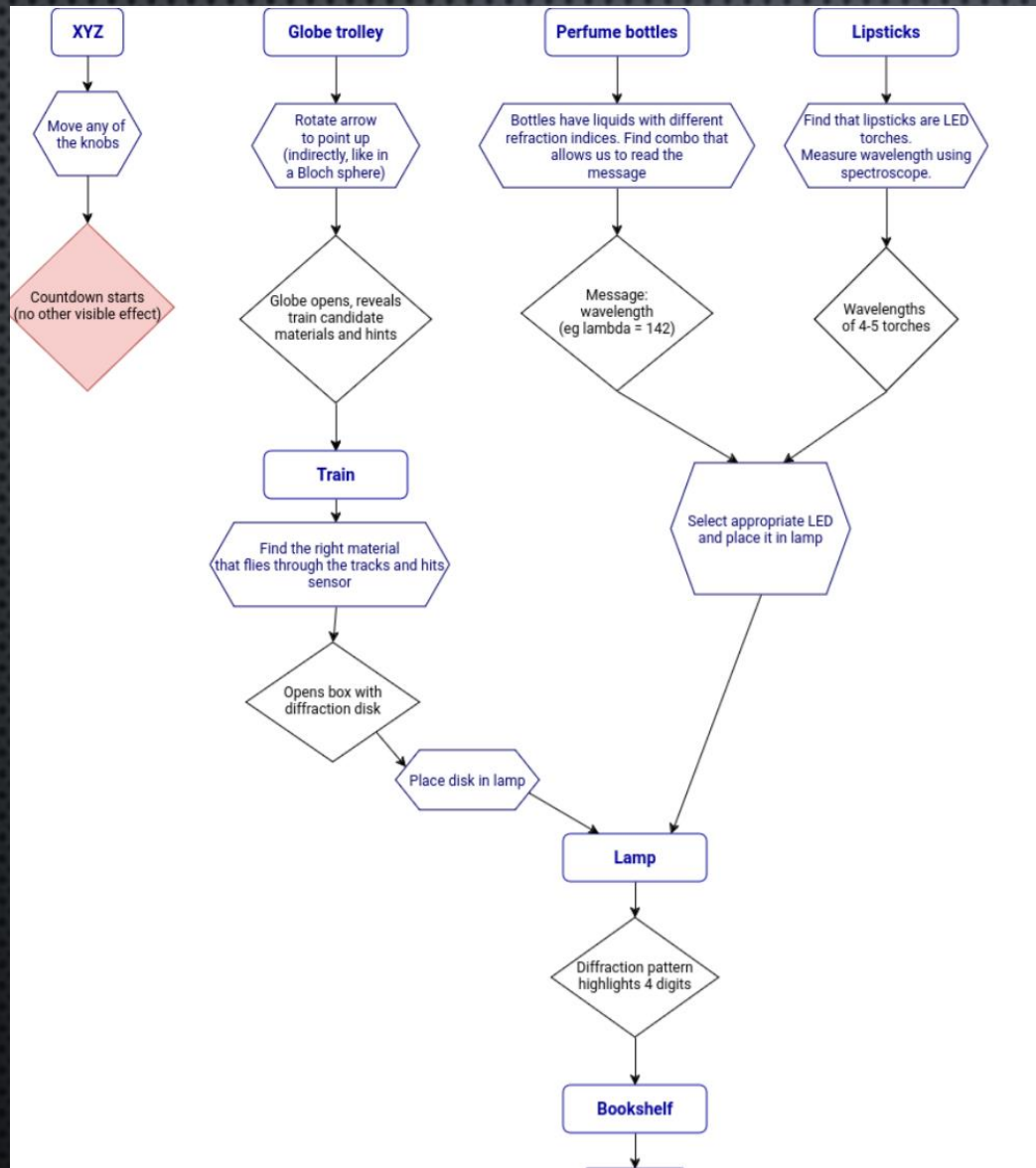
FROM CONCEPT TO PRODUCTION



ELECTRONIK- WERKSTATT

- ACHIM VOLLHARDT
- DANIEL FLORIN

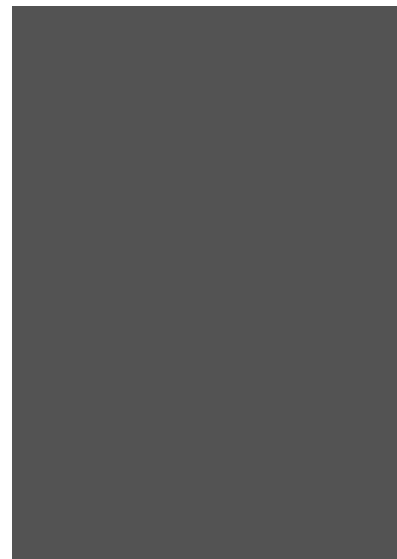
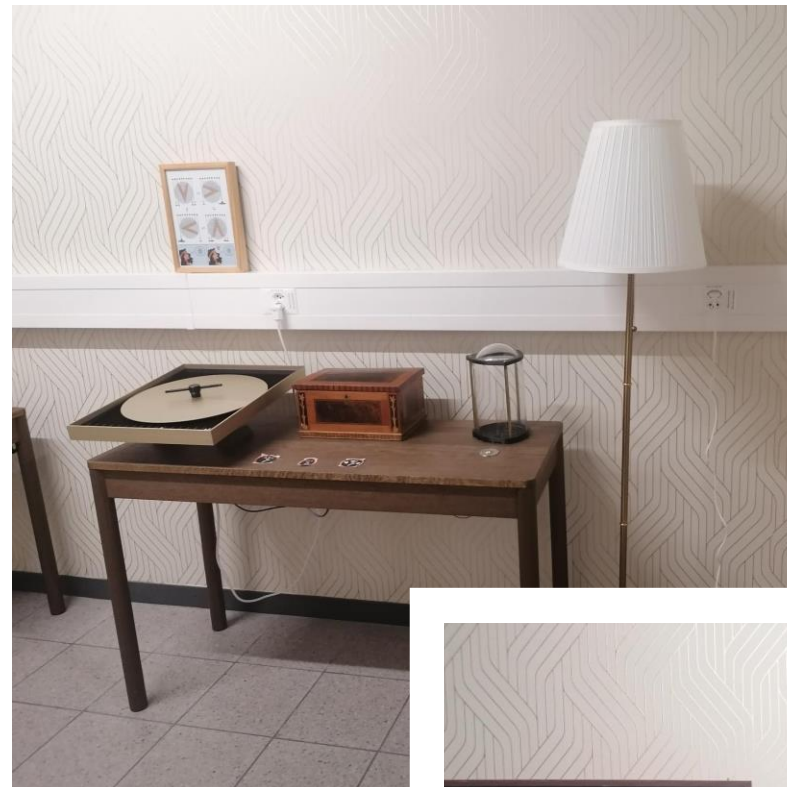




Studying the flow of escape rooms....

CLUES, HINTS AND FLAVOUR

- HOW DO WE ADD STORYTELLING?
- HOW MUCH DO WE TEACH?



THE HOOK: EVELYN'S STORY





SHARING STORIES OF SCIENTISTS

INCLUSIVITY AND DIVERSITY AT THE FOREFRONT

HOW IT'S GOING

- OVER ONE YEAR OF DEVELOPMENT
- GAMMA TESTING THIS MONTH
- OPENING... WHEN IT'S READY (SOON!)
- CONTINUOUS IMPROVEMENT
- WILL STAY IN THE SCIENCE PAVILION
- SCHOOL SESSIONS, DEBRIEFING

The logo for 'Quantum Century Escape' is centered on the right side of the image. It features the words 'QUANTUM', 'CENTURY', and 'ESCAPE' stacked vertically in a stylized, serif font. The text is white and is enclosed within a large, light blue diamond shape. This diamond is further embellished with a complex, repeating geometric pattern of smaller diamonds and lines. The background of the entire slide is a dark, textured surface with a subtle grid of small dots.

QUANTUM
CENTURY
ESCAPE

LESSONS SO FAR

- IT'S SO MUCH FUN!
- EXTREMELY WORK-INTENSIVE
- WE HAVE TO WEAR MANY HATS
- WE MOVE AT THE PACE OF THE SLOWEST COMPONENT
- 30% CREATION, 70% TROUBLESHOOTING
- EXTREMELY COLLABORATIVE PROJECT
- FOR MORE INSIGHTS, INVITE ME NEXT YEAR! :)

