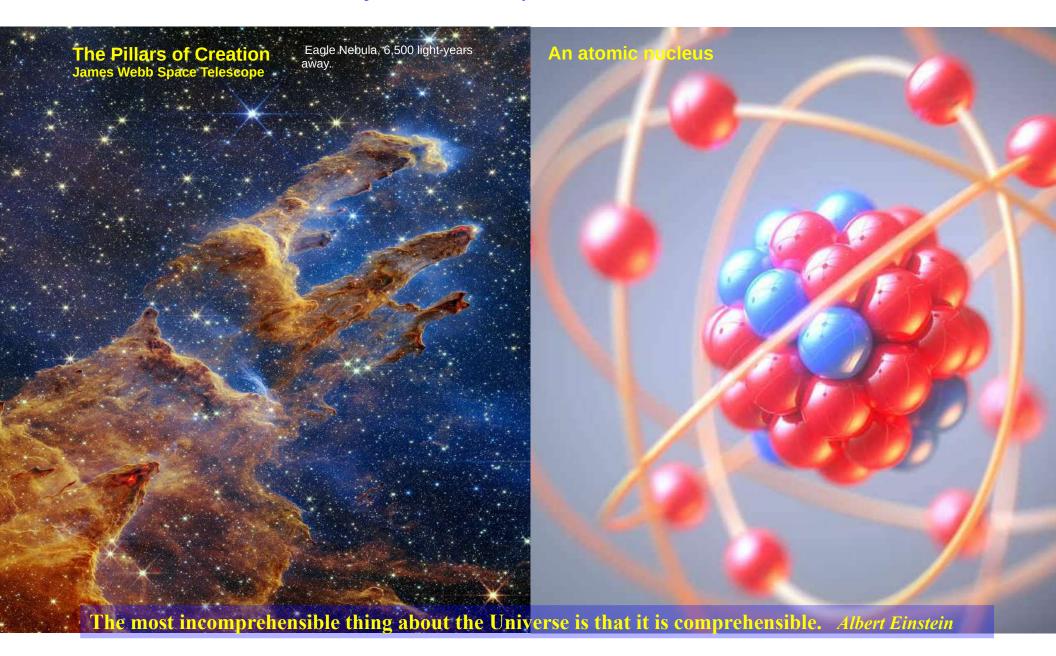
21st Century Physics: From Imagination to Discovery

What is your role in future discoveries ...



The world: Pre-Columbus ... lots to discover enabled by new tools & ideas



... important to *publish*!

... a bit of historical perspective

Periodic Table Circa 400 BC

Compact
Easy to remember
Fits on a T-Shirt

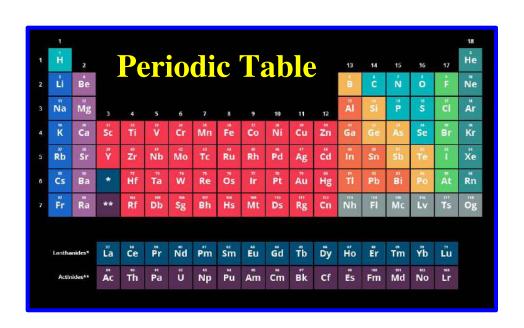


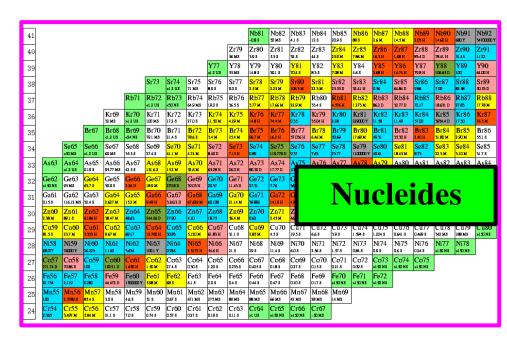
Olness Conjecture:

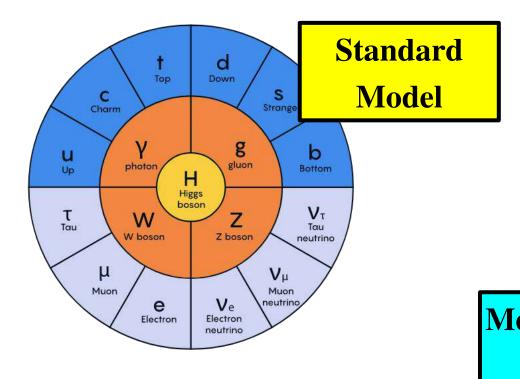
A theory cannot be fundamental unless it fits on a t-shirt

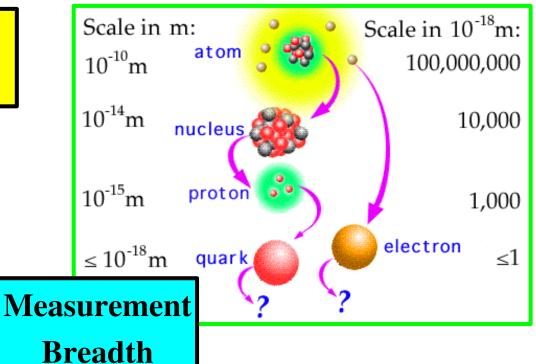
Sidney Harris

"The periodic table."









"An eminent physicist remarked that the future truths of physical science are to be looked for in the sixth place of decimals." (1896) Albert A. Michelson

Relativity (1905)

and

Quantum Mechanics (1900)

were just around the corner

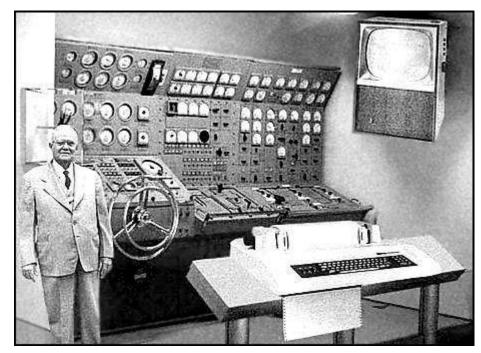
Things can change a bit over the years



Mobile Phone Circa 1950's



Vintage TV



A (hoaxed) photo portraying a 1950's computer

What is your role in 21st Century Discoveries ...



We need:

1) fresh ideas

Yes! I want to get in on the ground floor of this exciting new field. I understand no salesman will call.

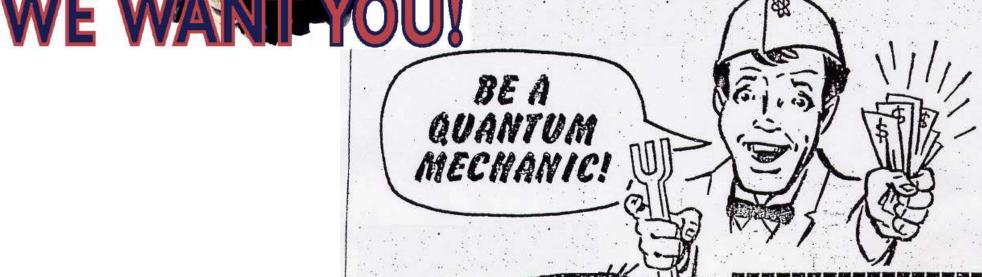
COLUMBIA INSTITUTE OF QUANTUM MECHANICS

Suite 293, 1100 Back St., Improvidence, RI 02904

ADDRESS.

CITY, STATE, ZIP

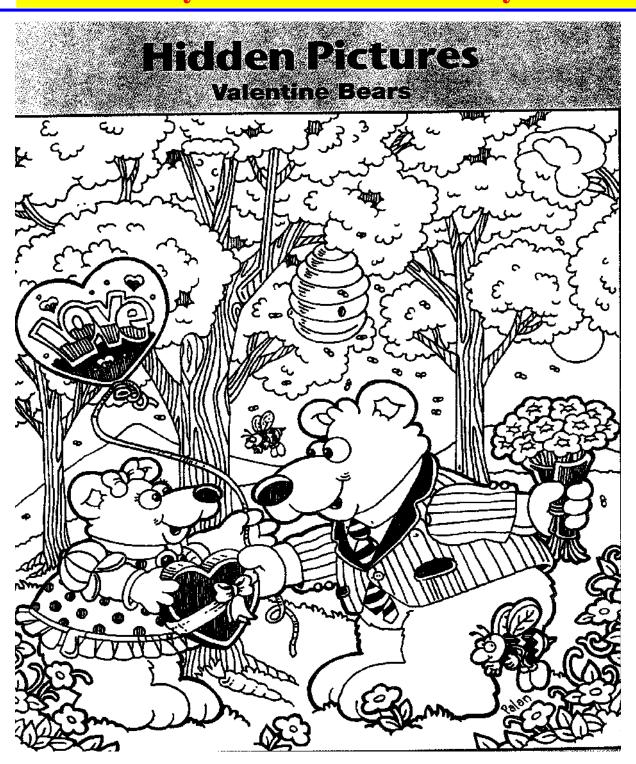
2) new tools



THE COLUMBIA INSTITUTE OF QUANTUM MECHANICS, INC.

Not affiliated with the Columbia Broadcasting System, Columbia

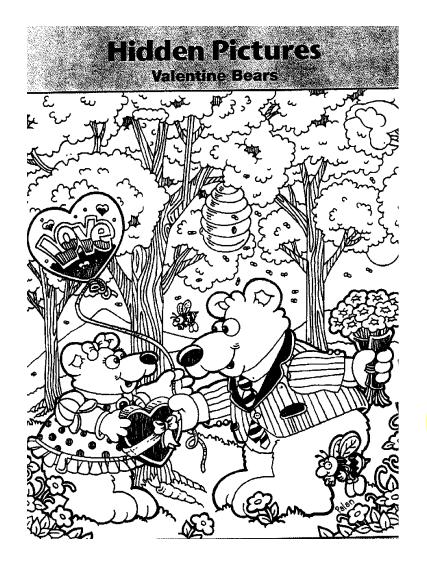
University, the District of Columbia, or Columbia, Gem of the Ocean.

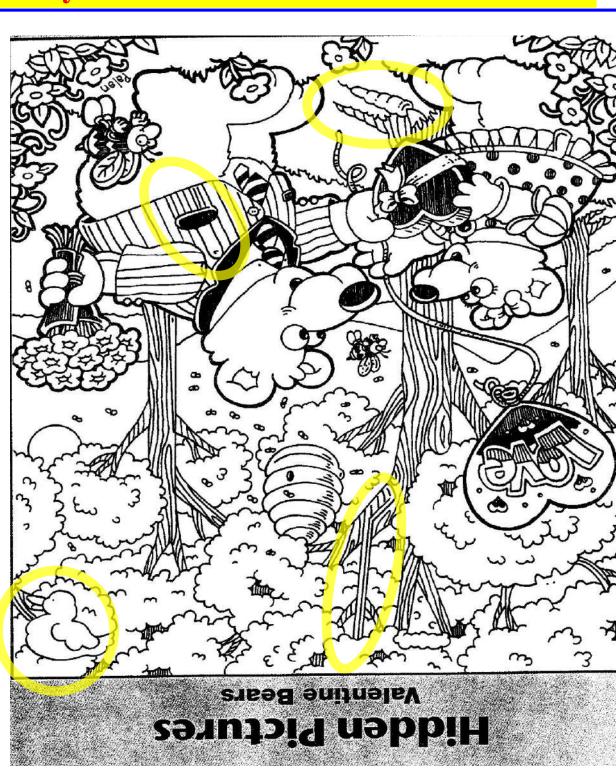


You can bring a fresh perspective to challenging problems

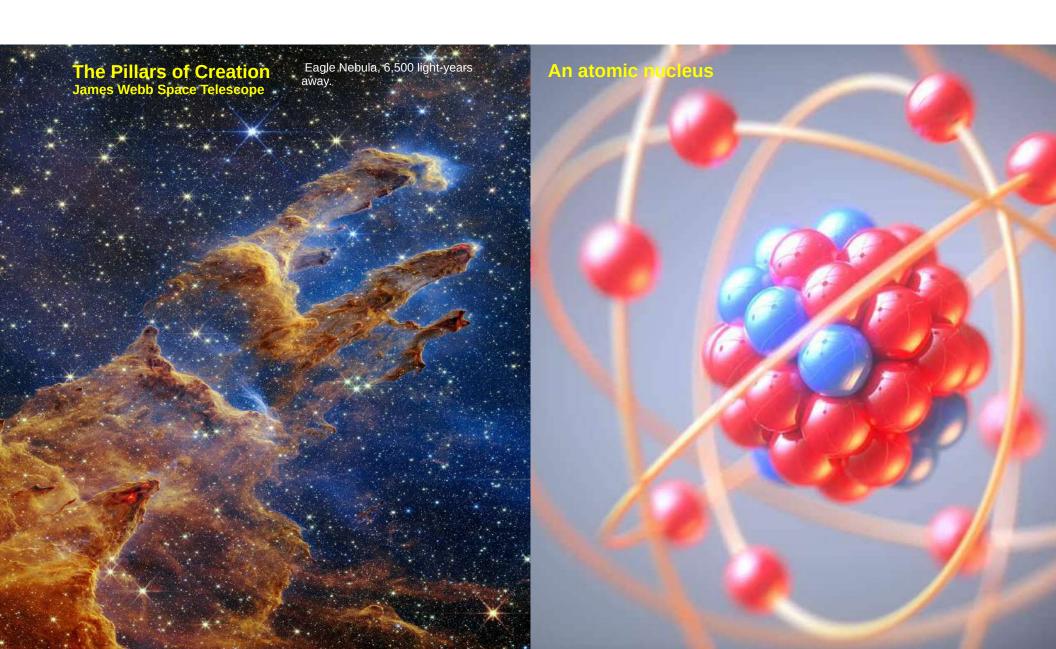
Can you find the things that don't "belong" in the picture

You can bring a fresh perspective to challenging problems





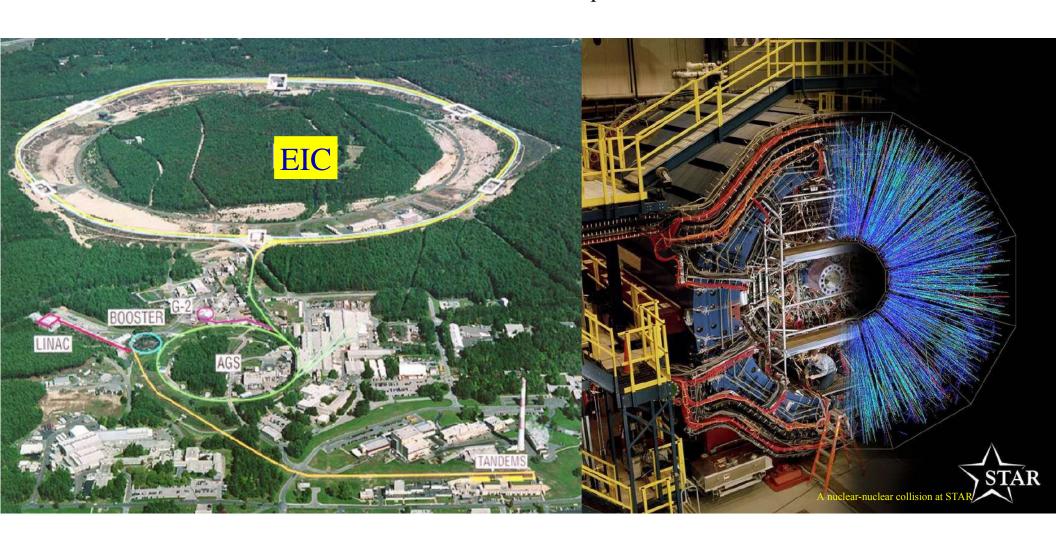
The James Webb Space Telescope The Large Hadron Collider (LHC) CERN Laboratory, Geneva, Switzerland



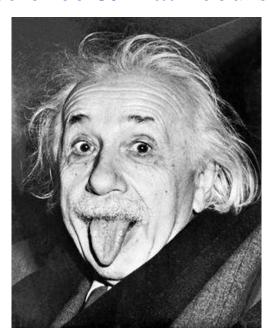
What is your role in 21st Century Discoveries ... NEW TOOLS !!!

The Electron-Ion Collider (EIC) is being built on Long Island, New York

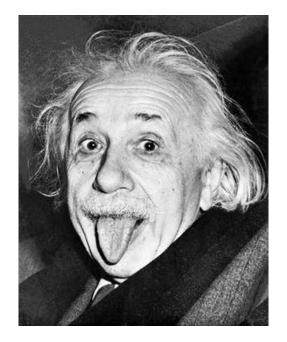
This will collide beams of electrons and nuclei to explore the innermost nuclear interactions



science & math courses



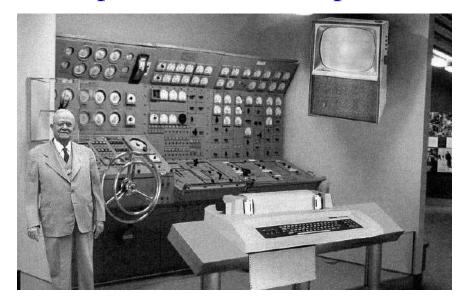
science & math courses





have basic knowledge of world history and cultures

experience with computers

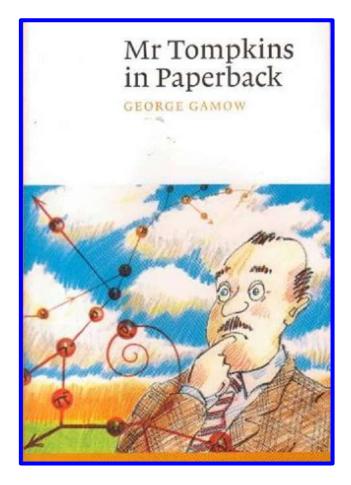


speak some foreign languages





drive a stick-shift



https://www.arvindguptatoys.com/arvindgupta/tompkins.pdf

www.PhysicsBuff.com

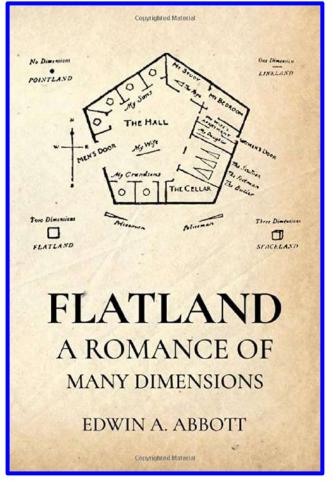
Mr. Tompkins

George Gamow

- Special Relativity
- General Relativity
- Quantum Mechanics
- Cosmology

Flatland Edwin Abbot

Practice thinking in multidimensional hyperspace



https://www.gutenberg.org/ebooks/201

CONCLUSIONS

21st Century Physics: From Imagination to Discovery

What is your role in future discoveries ...

