



Why are we here?



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Life's Greatest Mysteries OBIS 2022th Edition VA

“Mis Proprios” de Su Santidad en el que establece
la fecha de Nuestro Señor Jesucristo

LETRA

J. J. A.Y.

Mis propios

de la fecha de comienzo

PPA - XVIII

Tránsito

AMOL

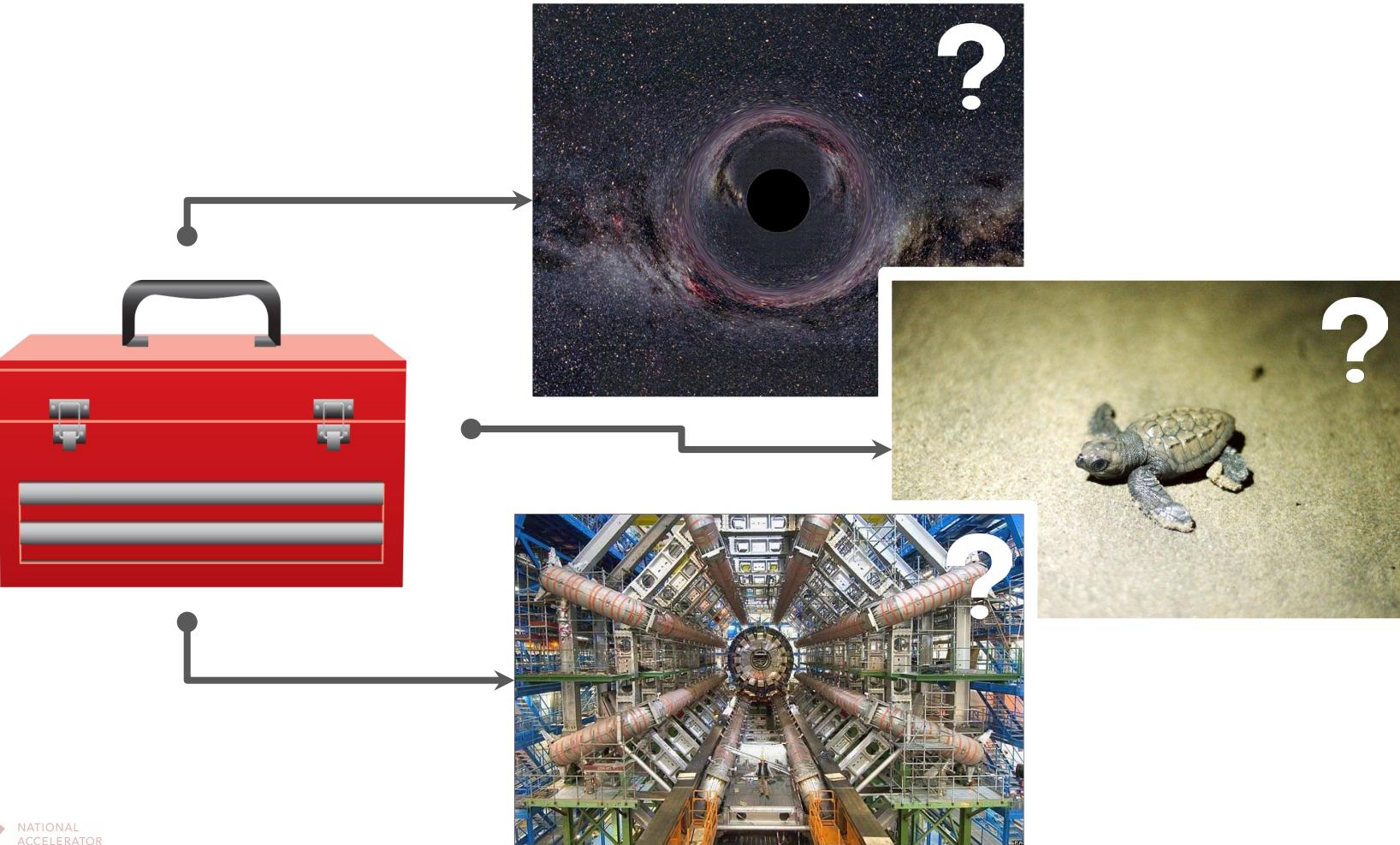
La chica del saxo bar

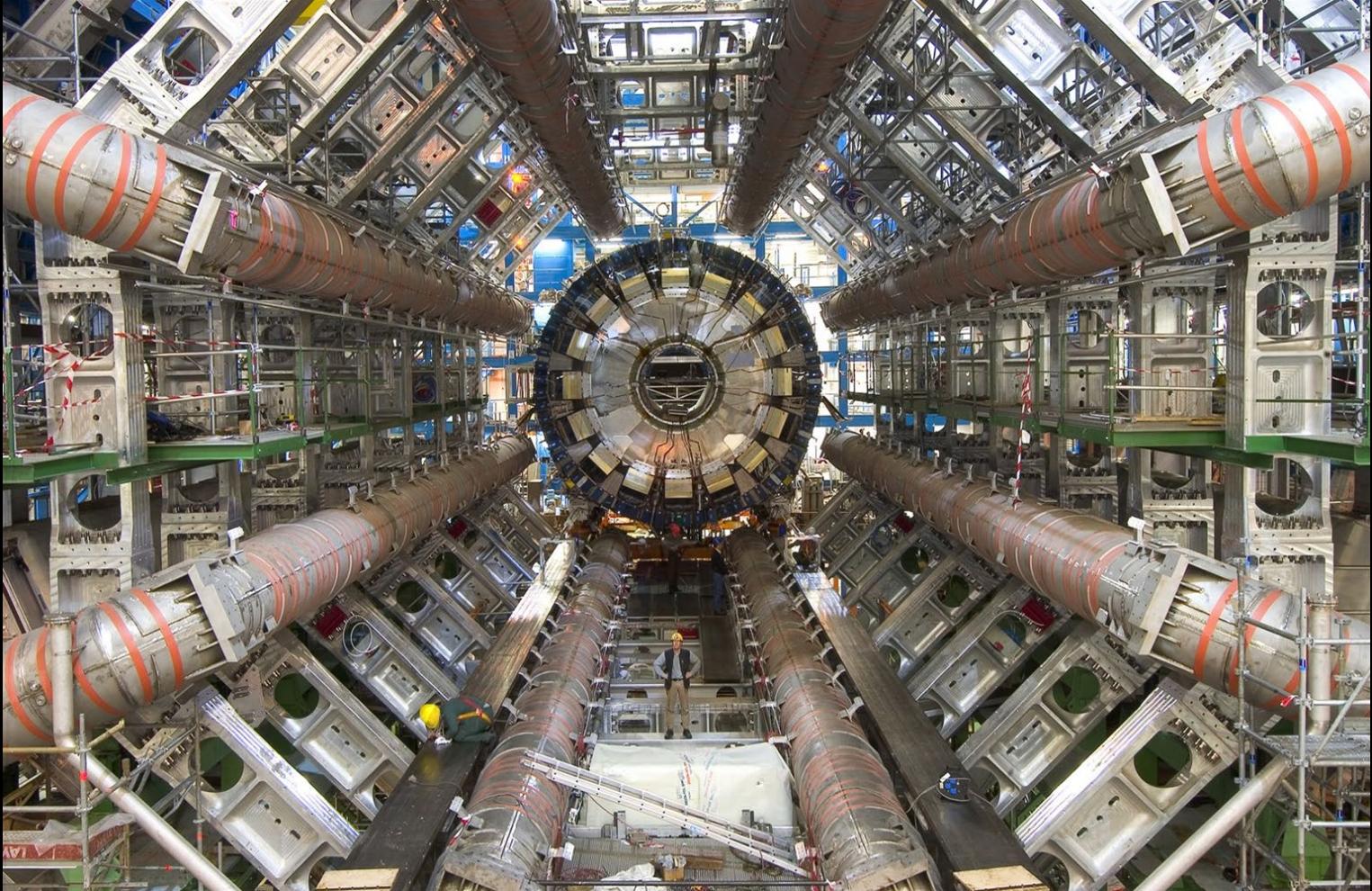
NEUTRINA PABLO VAN ZEE

Libro para los jóvenes que
desearán encontrar a Cristo

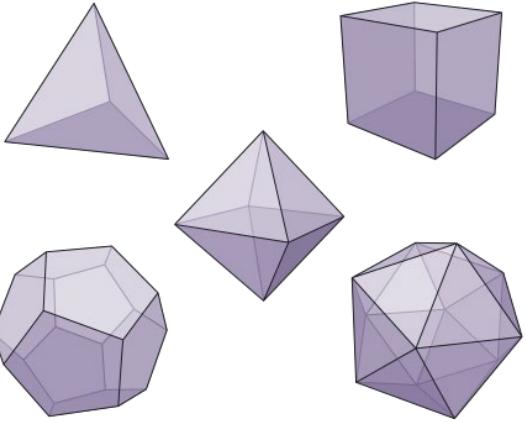
Libro para los jóvenes que
desearán encontrar a Cristo







LHC Experiment
(CERN)



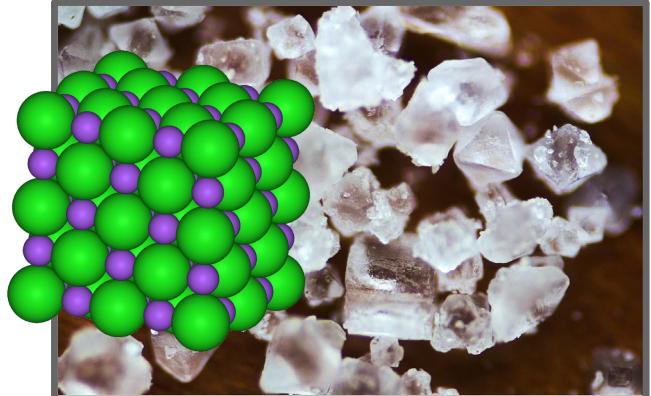
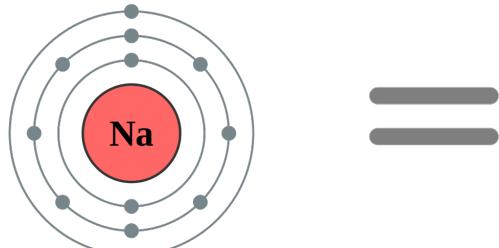
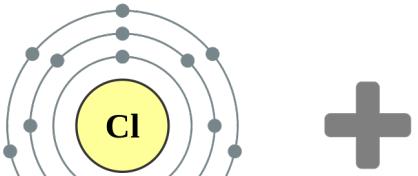
Series	Zero Group	Group I	Group II	Group III	Group IV	Group V	Group VI	Group VII	Group VIII	
0	z									
1		Hydrogen $\text{H} = 1 \cdot 10^0$								
2	Helium $\text{He} = 4 \cdot 0$	Lithium $\text{Li} = 7 \cdot 0$	Beryllium $\text{Be} = 9 \cdot 1$	Boron $\text{B} = 11 \cdot 0$	Carbon $\text{C} = 12 \cdot 0$	Nitrogen $\text{N} = 14 \cdot 0$	Oxygen $\text{O} = 16 \cdot 0$	Fluorine $\text{F} = 19 \cdot 0$		
3	Neon $\text{Ne} = 10 \cdot 9$	Sodium $\text{Na} = 23 \cdot 0$	Magnesium $\text{Mg} = 24 \cdot 1$	Aluminum $\text{Al} = 27 \cdot 0$	Silicon $\text{Si} = 28 \cdot 4$	Phosphorus $\text{P} = 31 \cdot 0$	Sulfur $\text{S} = 32 \cdot 0$	Chlorine $\text{Cl} = 35 \cdot 45$		
4	Argon $\text{Ar} = 36 \cdot 0$	Potassium $\text{K} = 39 \cdot 1$	Calcium $\text{Ca} = 40 \cdot 1$	Scandium $\text{Sc} = 43 \cdot 1$	Titanium $\text{Ti} = 48 \cdot 1$	Vanadium $\text{V} = 51 \cdot 4$	Chromium $\text{Cr} = 52 \cdot 1$	Manganese $\text{Mn} = 54 \cdot 0$		
5		Copper $\text{Cu} = 63 \cdot 6$	Zinc $\text{Zn} = 65 \cdot 4$	Gallium $\text{Ga} = 69 \cdot 0$	Germanium $\text{Ge} = 72 \cdot 8$	Arsenic $\text{As} = 75 \cdot 0$	Selenium $\text{Se} = 78 \cdot 0$	Bromine $\text{Br} = 79 \cdot 95$		
6	Krypton $\text{Kr} = 84 \cdot 9$	Rubidium $\text{Rb} = 85 \cdot 4$	Strontium $\text{Sr} = 87 \cdot 6$	Yttrium $\text{Y} = 89 \cdot 0$	Zirconium $\text{Zr} = 90 \cdot 4$	Nickel $\text{Ni} = 94 \cdot 0$	Molybdenum $\text{Mo} = 96 \cdot 0$			
7		Silver $\text{Ag} = 107 \cdot 9$	Cadmium $\text{Cd} = 112 \cdot 4$	Inidium $\text{In} = 114 \cdot 0$	Th	Antimony $\text{Sb} = 120 \cdot 0$	Tellurium $\text{Te} = 137$	Iodine $\text{I} = 137$		
8	Xenon $\text{Xe} = 138$	Cesium $\text{Cs} = 132 \cdot 9$	Barium $\text{Ba} = 137 \cdot 4$	Lanthanum $\text{La} = 139$	Cerium $\text{Ce} = 140$					
9		—	—	—	—	—	—	—	—	—
10	—	—	—	Ytterbium $\text{Yb} = 178$	—	Tantalum $\text{Ta} = 183$	Tungsten $\text{W} = 184$	—		
11		Gold $\text{Au} = 197 \cdot 9$	Mercury $\text{Hg} = 200 \cdot 0$	Thallium $\text{Tl} = 204 \cdot 1$	Lead $\text{Pb} = 208 \cdot 0$	Bismuth $\text{Bi} = 208$	—	—		
12	—	—	Radium $\text{Ra} = 226$	—	Theorium $\text{Th} = 232$	—	Uranium $\text{U} = 239$	—		
									Ruthenium $\text{Ru} = 101 \cdot 7$	Rhodium $\text{Rh} = 103 \cdot 0$
									Palladium $\text{Pd} = 106 \cdot 4$	(Ag)
									Osmium $\text{Os} = 191$	Iridium $\text{Ir} = 193$
									Platinum $\text{Pt} = 194 \cdot 9$	(Au)

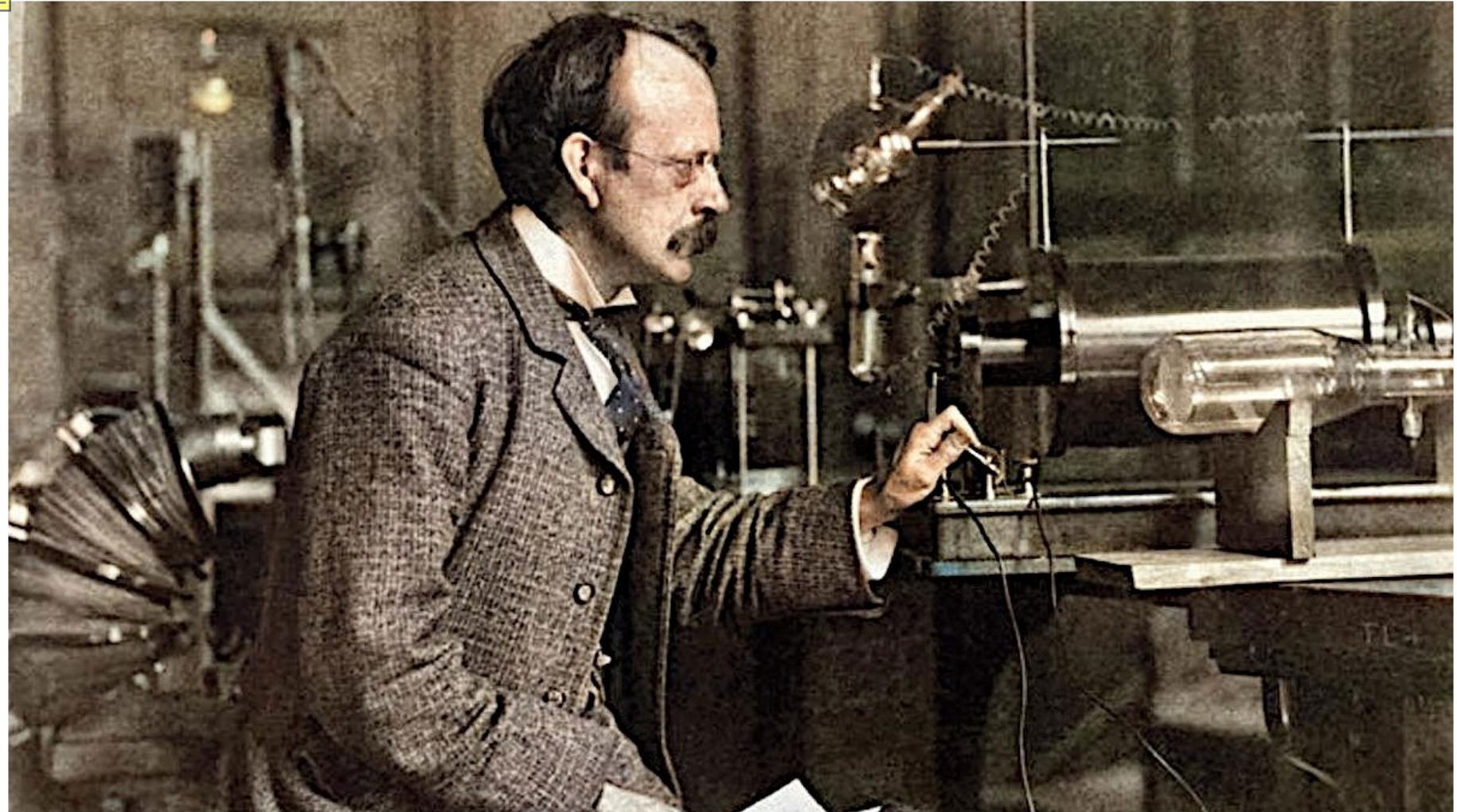
17: Chlorine

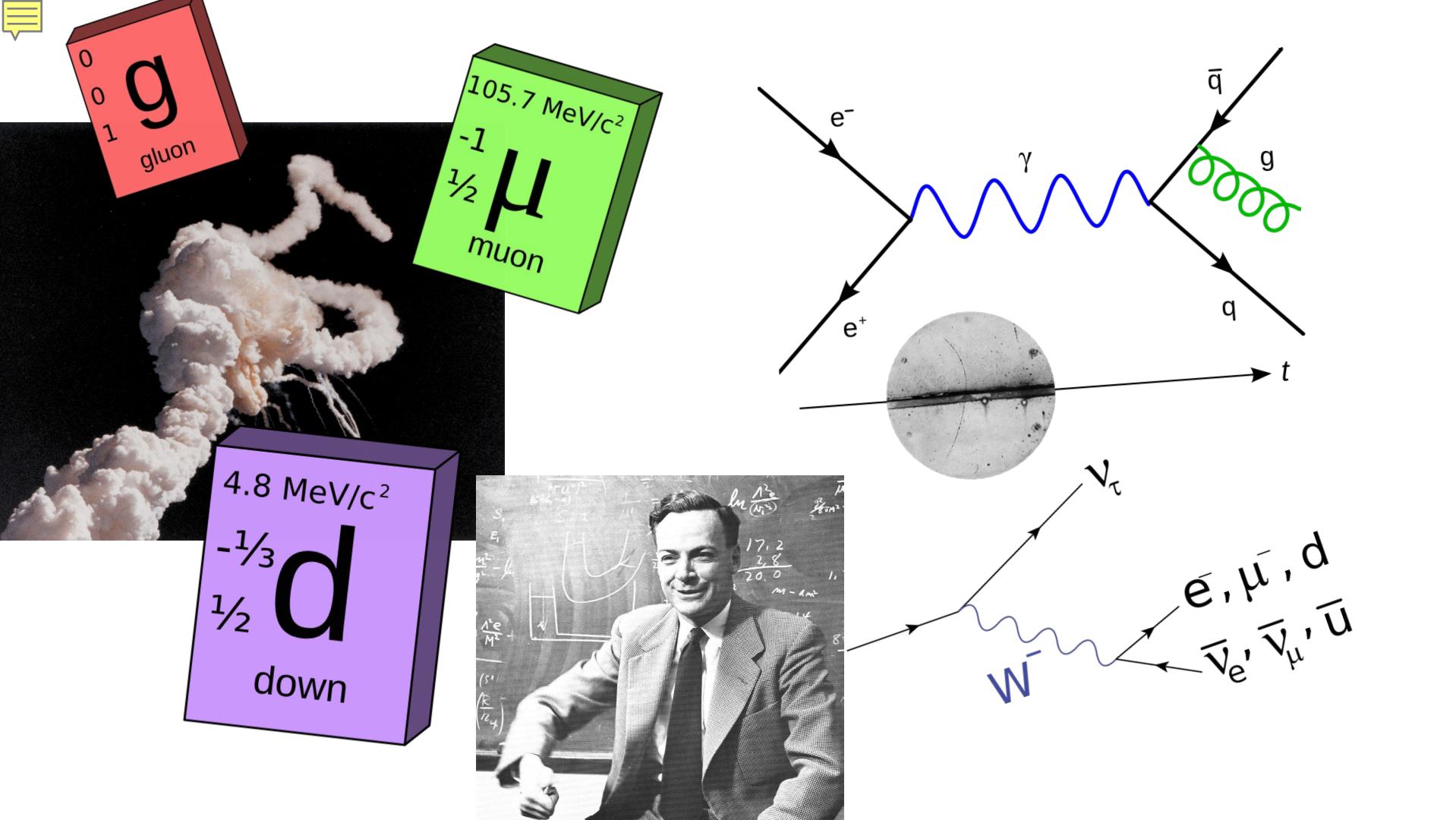
2,8,7

11: Sodium

2,8,1

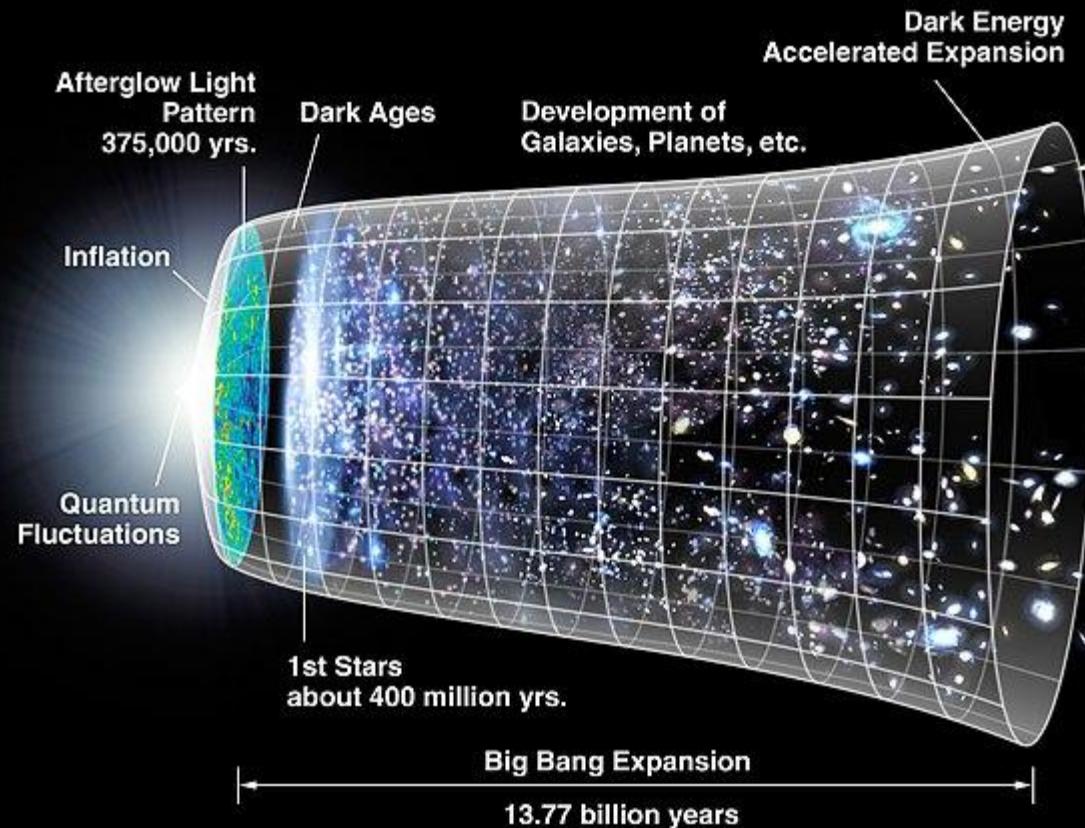


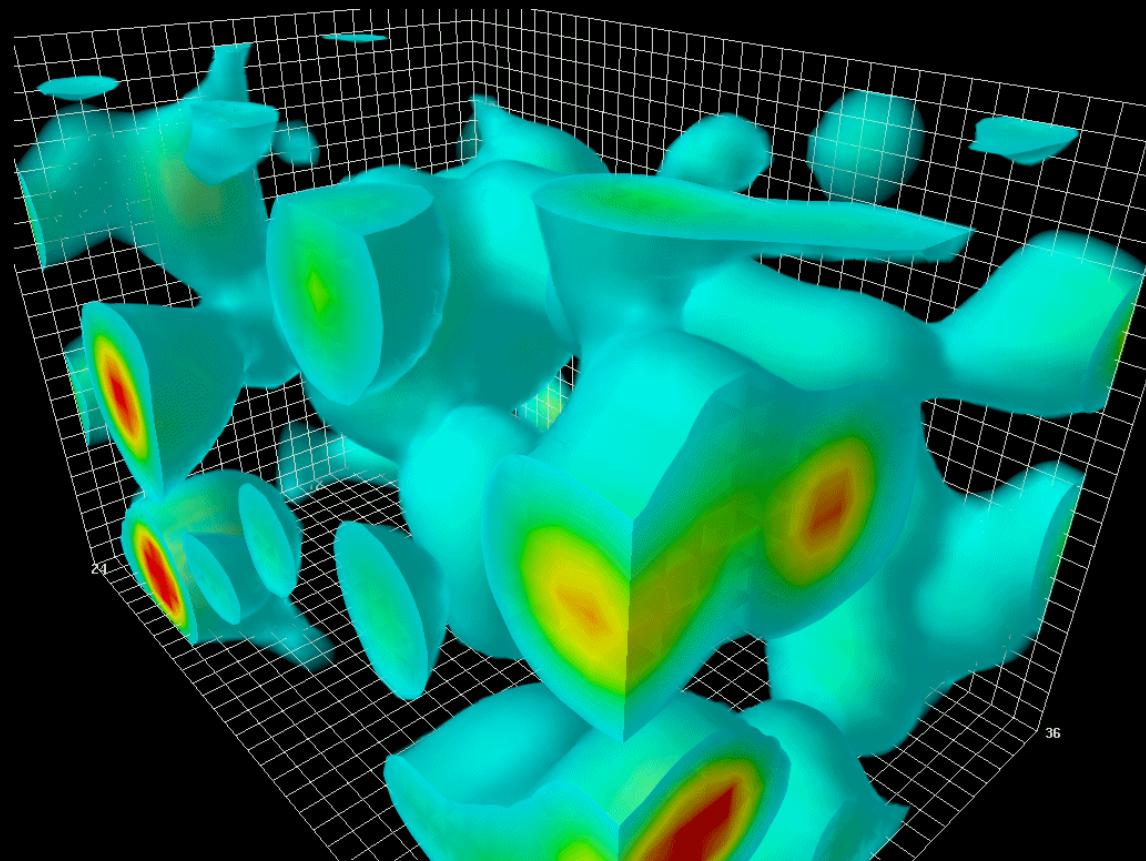


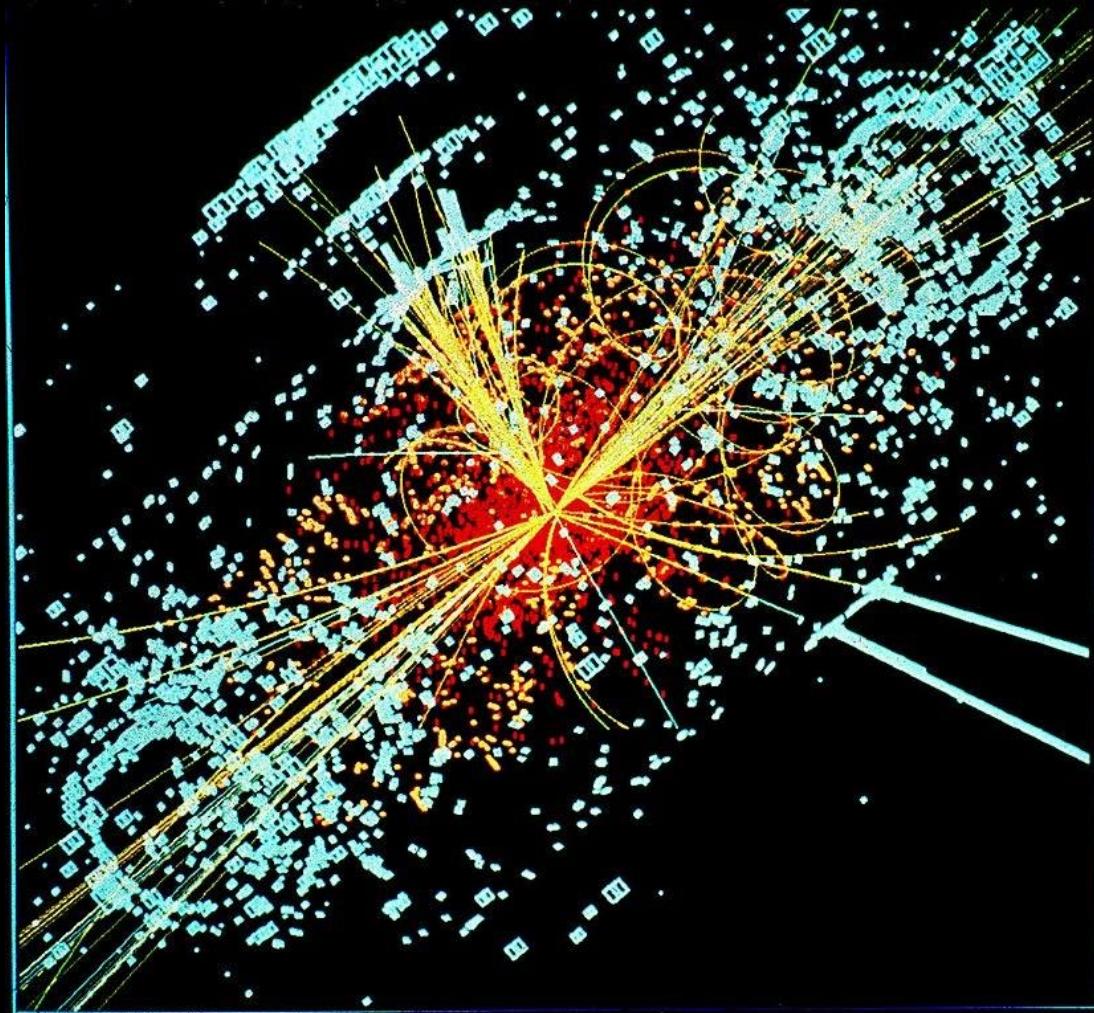


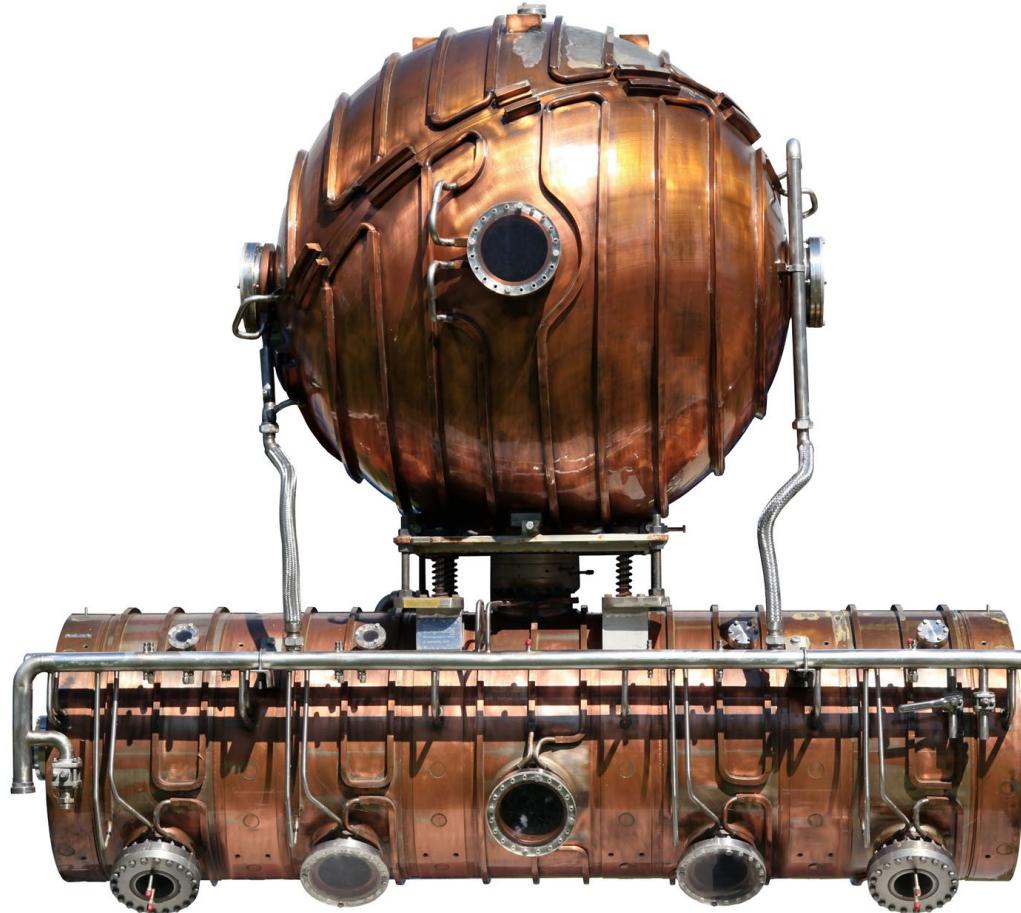
Standard Model of Elementary Particles

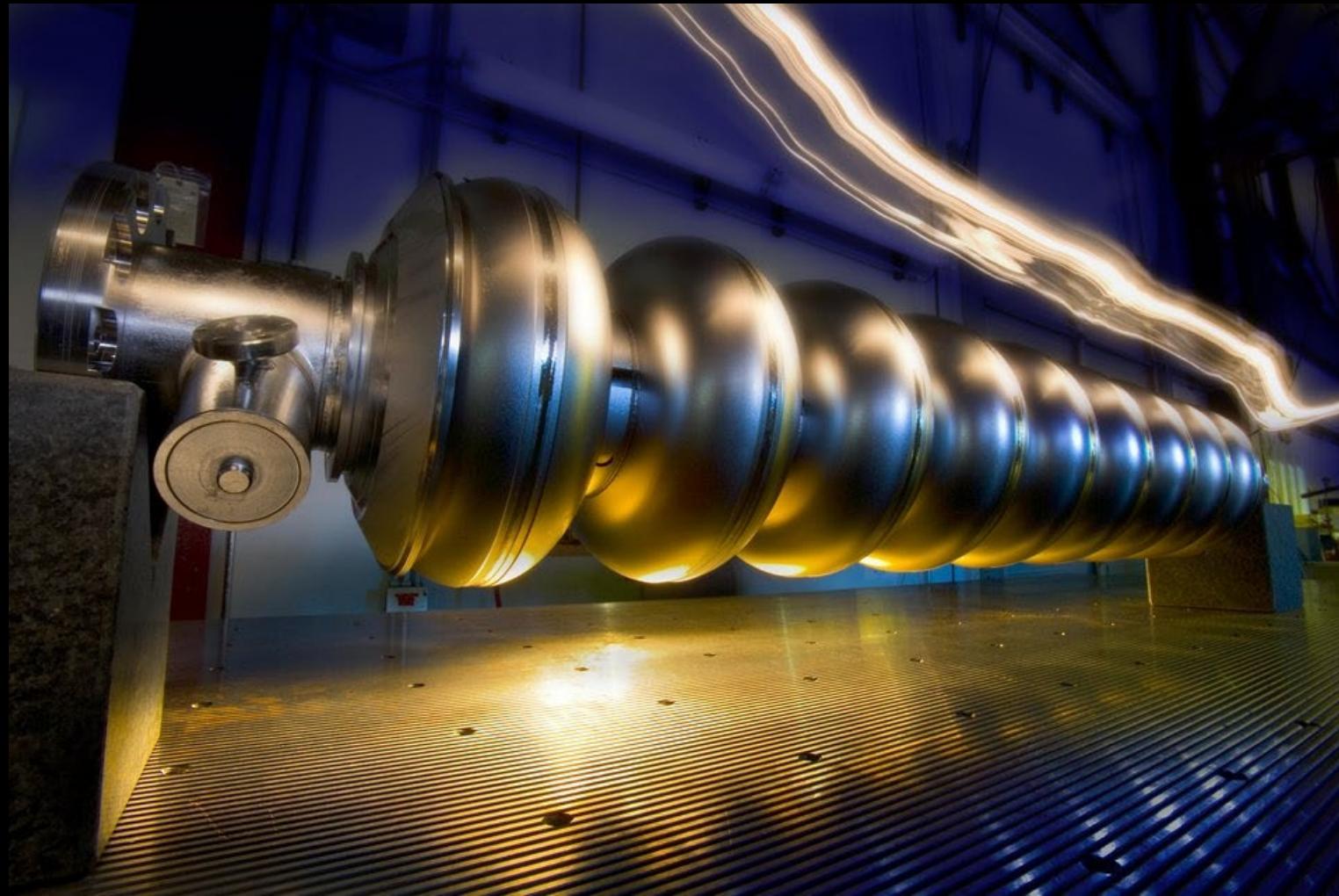
three generations of matter (elementary fermions)			three generations of antimatter (elementary antifermions)			interactions / force carriers (elementary bosons)	
	I	II	III	I	II	III	
mass	$\approx 2.2 \text{ MeV}/c^2$	$\approx 1.28 \text{ GeV}/c^2$	$\approx 173.1 \text{ GeV}/c^2$	$\approx 2.2 \text{ MeV}/c^2$	$\approx 1.28 \text{ GeV}/c^2$	$\approx 173.1 \text{ GeV}/c^2$	$\approx 124.97 \text{ GeV}/c^2$
charge	$2/3$	$2/3$	$2/3$	$-2/3$	$-2/3$	$-2/3$	0
spin	$1/2$	$1/2$	$1/2$	$1/2$	$1/2$	$1/2$	0
	u	c	t	ū	c̄	t̄	g
	up	charm	top	antiup	anticharm	antitop	gluon
QUARKS	d	s	b	d̄	s̄	b̄	H
	down	strange	bottom	antidown	antistrange	antibottom	higgs
LEPTONS	e	μ	τ	e ⁺	μ̄	τ̄	Z ⁰ boson
	electron	muon	tau	positron	antimuon	antitau	Gauge Bosons
	Ve	Vμ	Vτ	Vē	Vμ̄	Vτ̄	Scalar Bosons
	electron neutrino	muon neutrino	tau neutrino	electron antineutrino	muon antineutrino	tau antineutrino	Vector Bosons
	W ⁺ boson			W ⁻ boson			

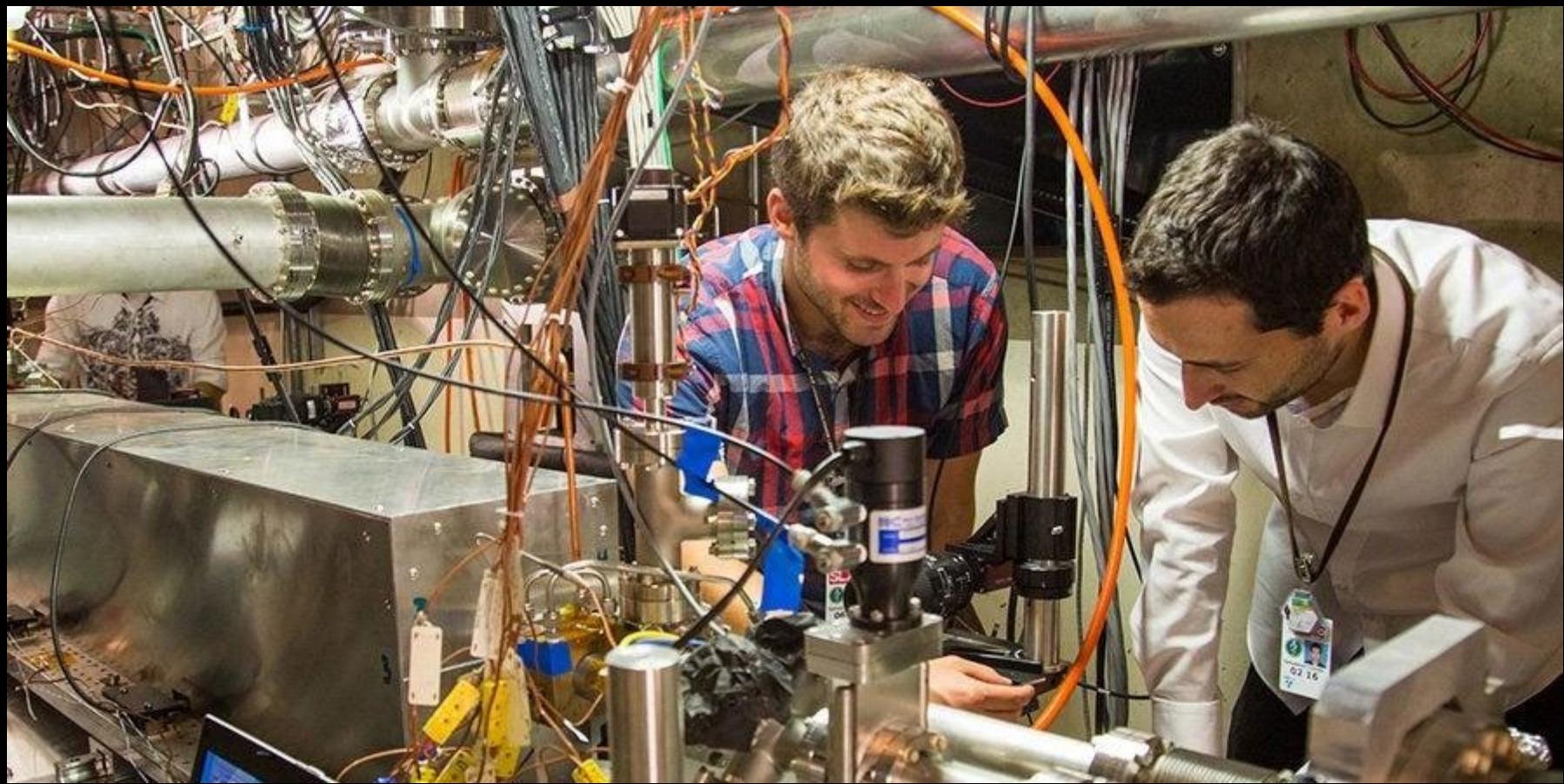








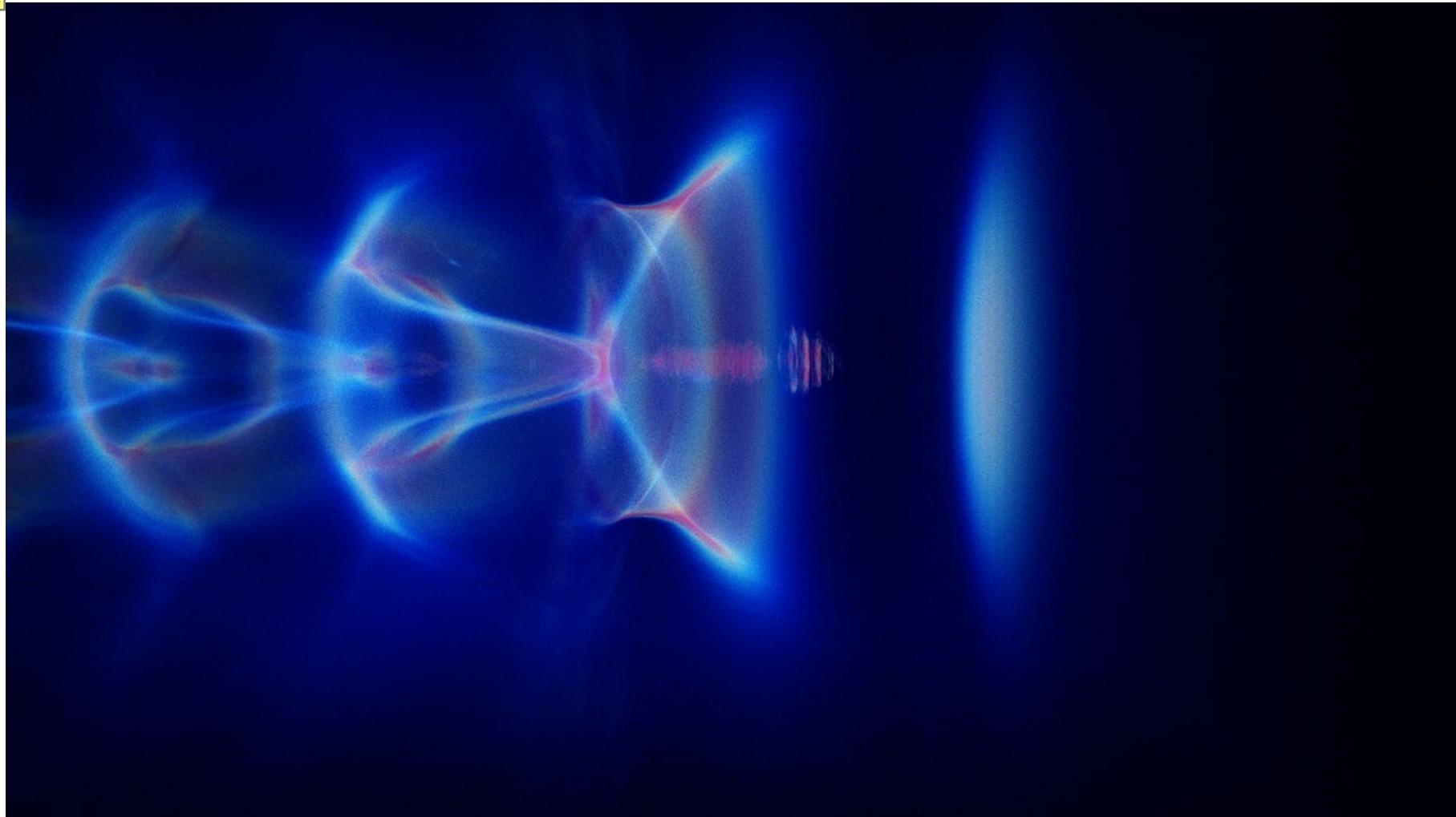




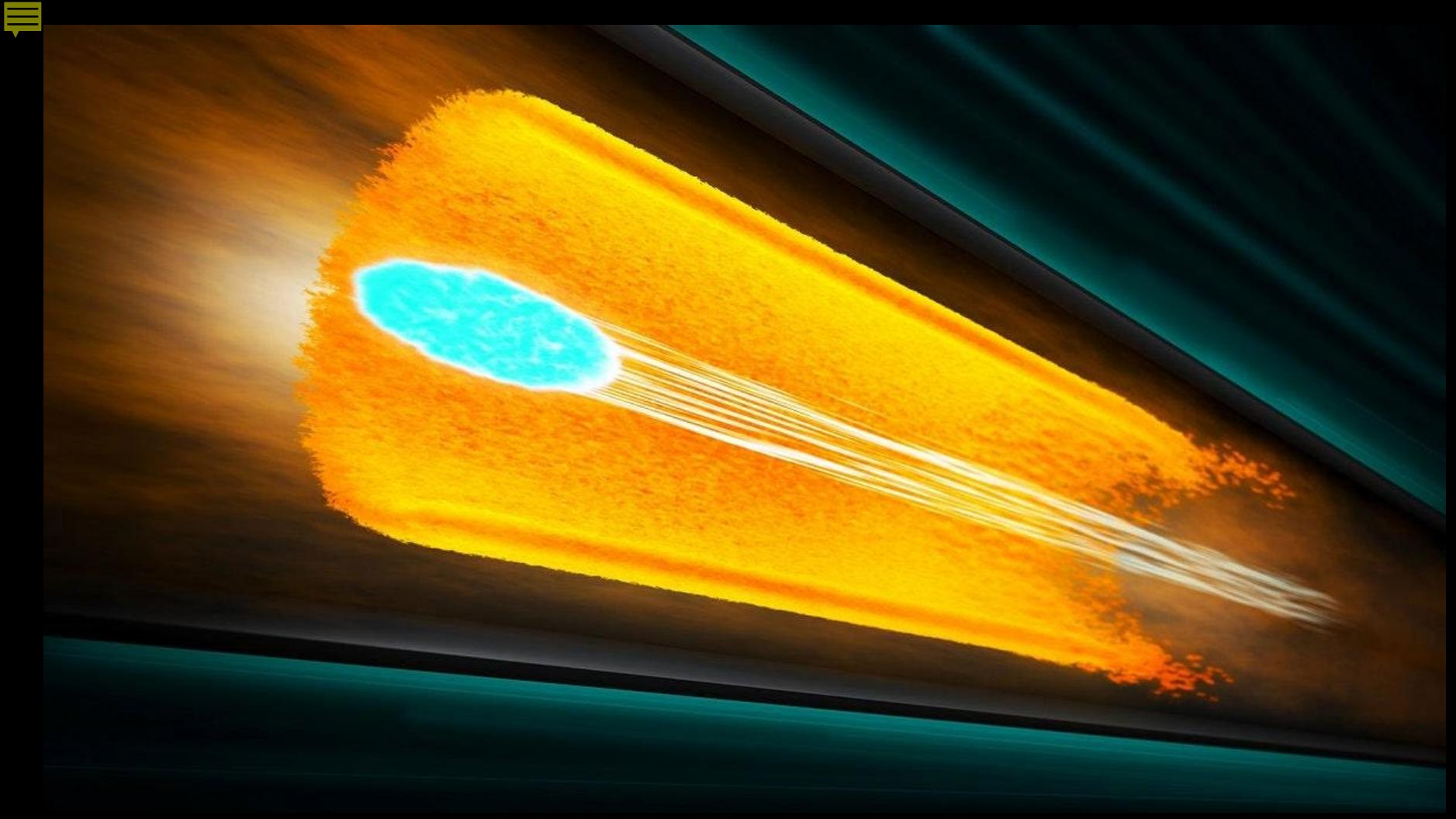


~3000x











You are the universe
expressing itself as a human
for a little while.

—Eckhart Tolle

