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FOGO

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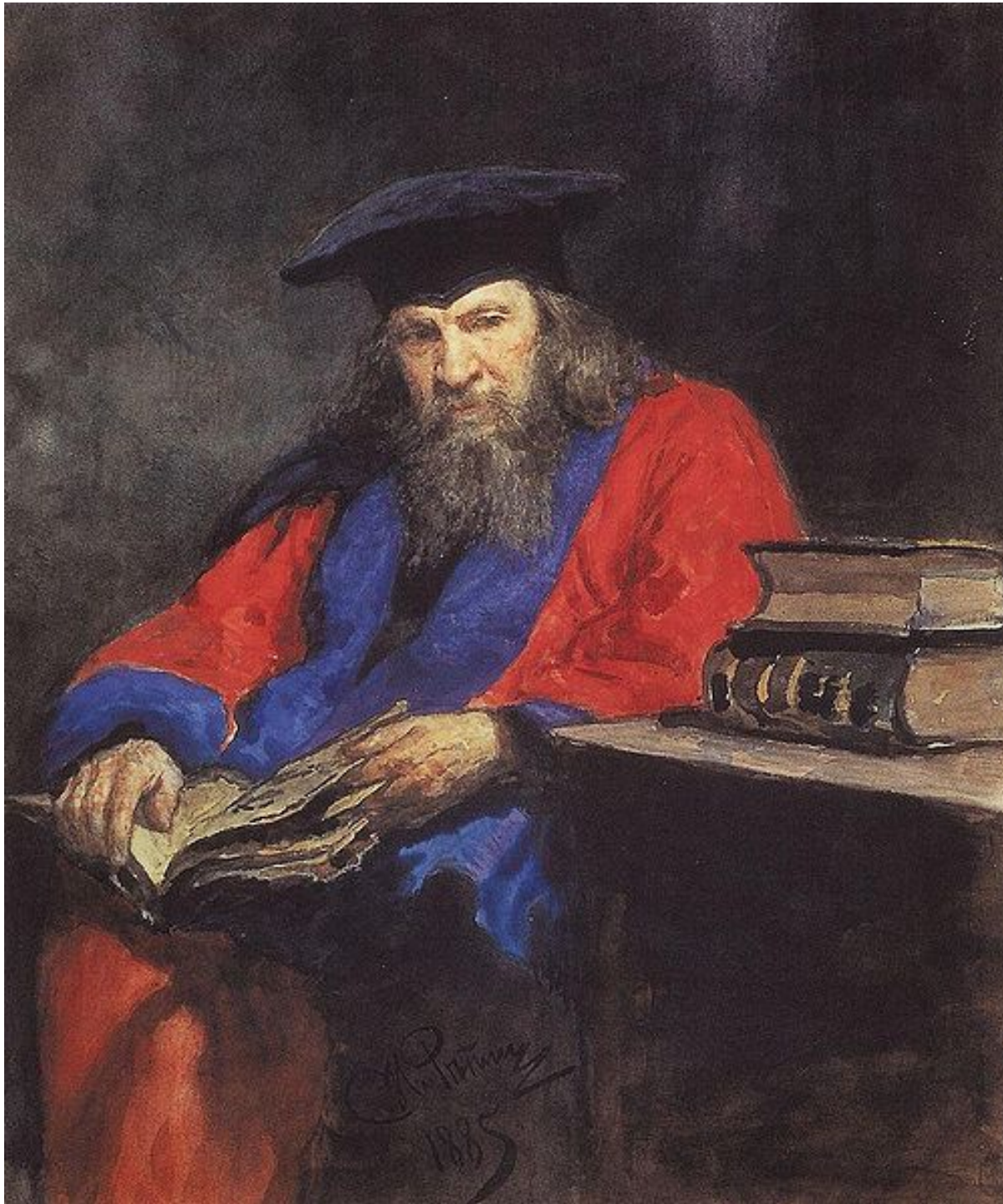
TERRA



An Explication of the Characters which
are used in this Book.

☉ Gold.
☽ Silver.
♂ Iron.
☿ Mercury.
♃ Jupiter.
♀ Venus.
♄ Lead.
♁ Antimony.
✽ Sal armoniac.

A. F. *Aqua Fortis.*
A. R. *Aqua Regis.*
S. V. *Spirit of Wine.*
☿ *Sublimate,*
♄ *Precipitate.*
☿ *Amalgama.*
▽ *Water.*
△ *Fire.*



Dmitri Mendeleiev

			Ti=50	Zr=90	?[2]=180
			V=51	Nb=94	Ta=182
			Cr=52	Mo=96	W=186
			Mn=55	Rh=104,4[3]	Pt=197,4[4]
			Fe=56	Ru=104,4	Ir=198
			Ni=Co=59	Pd=106,6	Os=199
H=1[5]			Cu=63,4	Ag=108	Hg=200
	Be=9,4	Mg=24	Zn=65,2	Cd=112	
	B=11	Al=27,4	?[6]=68	Ur=116[7]	Au=197?
	C=12	Si=28	?[8]=70	Sn=118	
	N=14	P=31	As=75	Sb=122	Bi=210?
	O=16	S=32	Se=79,4	Te=128?	
	F=19	Cl=35,5	Br=80	J=127[9]	
Li=7	Na=23	K=39	Rb=85,4	Cs=133	Tl=204
		Ca=40	Sr=87,6	Ba=137	Pb=207
		?[10]=45	Ce=92[11]		
		?Er=56	La=94		
		?Yt=60	Di=95		
		?In=75,6	Th=118?		

Electrão 1897 John Joseph Thomson.

Protão 1886 Eugene Goldstein

Neutrão 1932 James

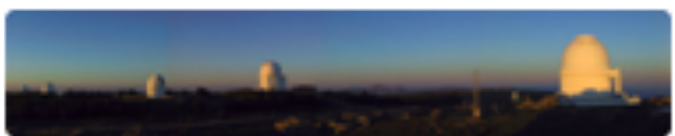
THE STANDARD MODEL

	Fermions			Bosons	
Quarks	u up	c charm	t top	γ photon	Force carriers
	d down	s strange	b bottom	Z Z boson	
Leptons	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino	W W boson	
	e electron	μ muon	τ tau	g gluon	

Higgs^{*}
boson

*Yet to be confirmed

Source: AAAS



-2070 M
Sudbury,
Canada

-100 M
CERN,CH

GSI
Germany

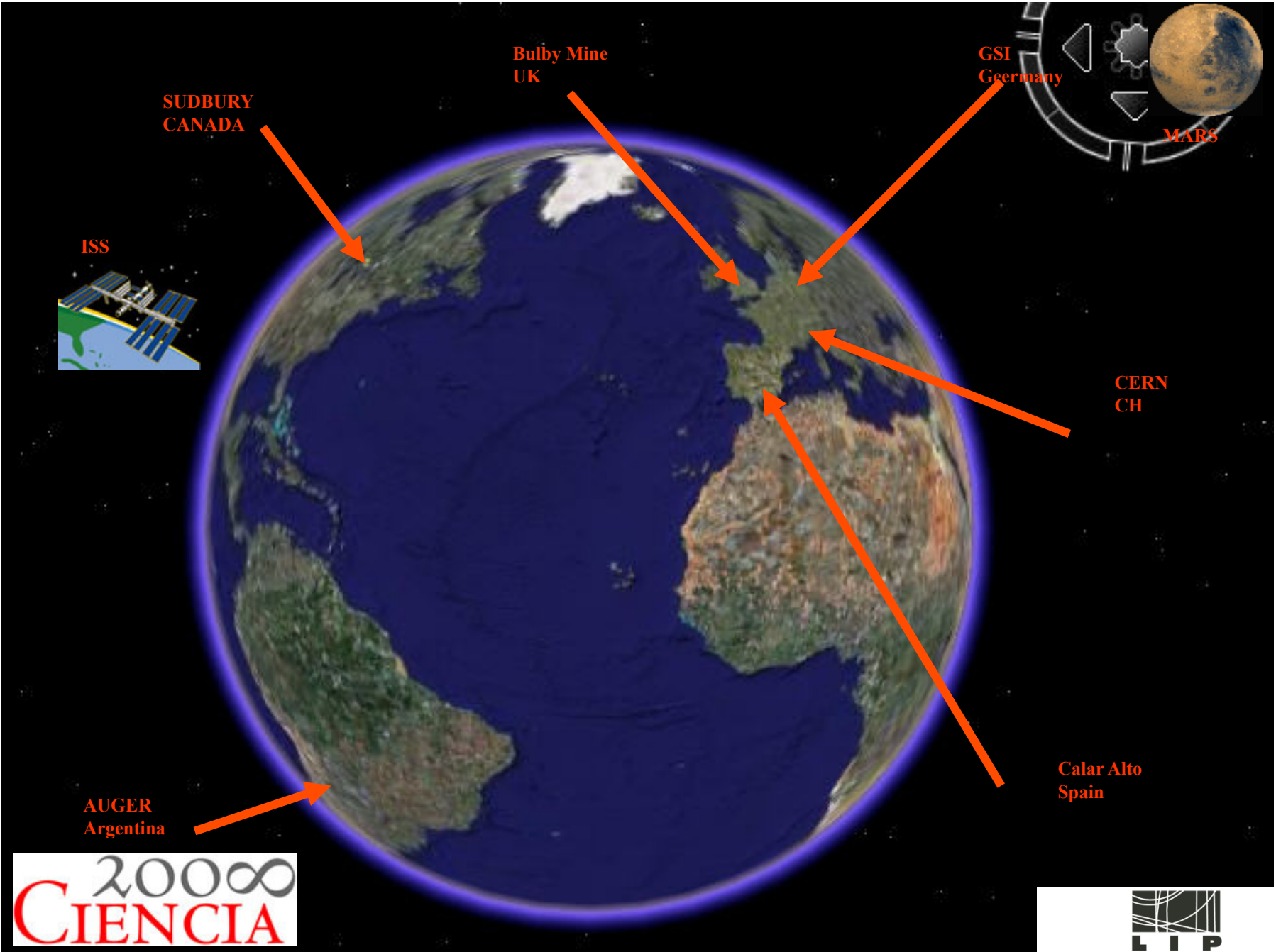
+2168 M
Gaw-CalarAlto
Spain

AUGER
Pampa Argentina

+200 KM
ISS, Earth
surroundongs

-1100 M
Bulby Mine, UK

Millions and millions Km away
MARS



2000∞
CIENCIA

ZECA AFONSO

Eu vou ser como a Toupeira

*Eu vou ser como a toupeira
Que esburaca
Penitência, diz a hidra
Quando à seca
Eu vou ser como a gibóia
Que atormenta
Não há luz que não se veja
Da charneca*



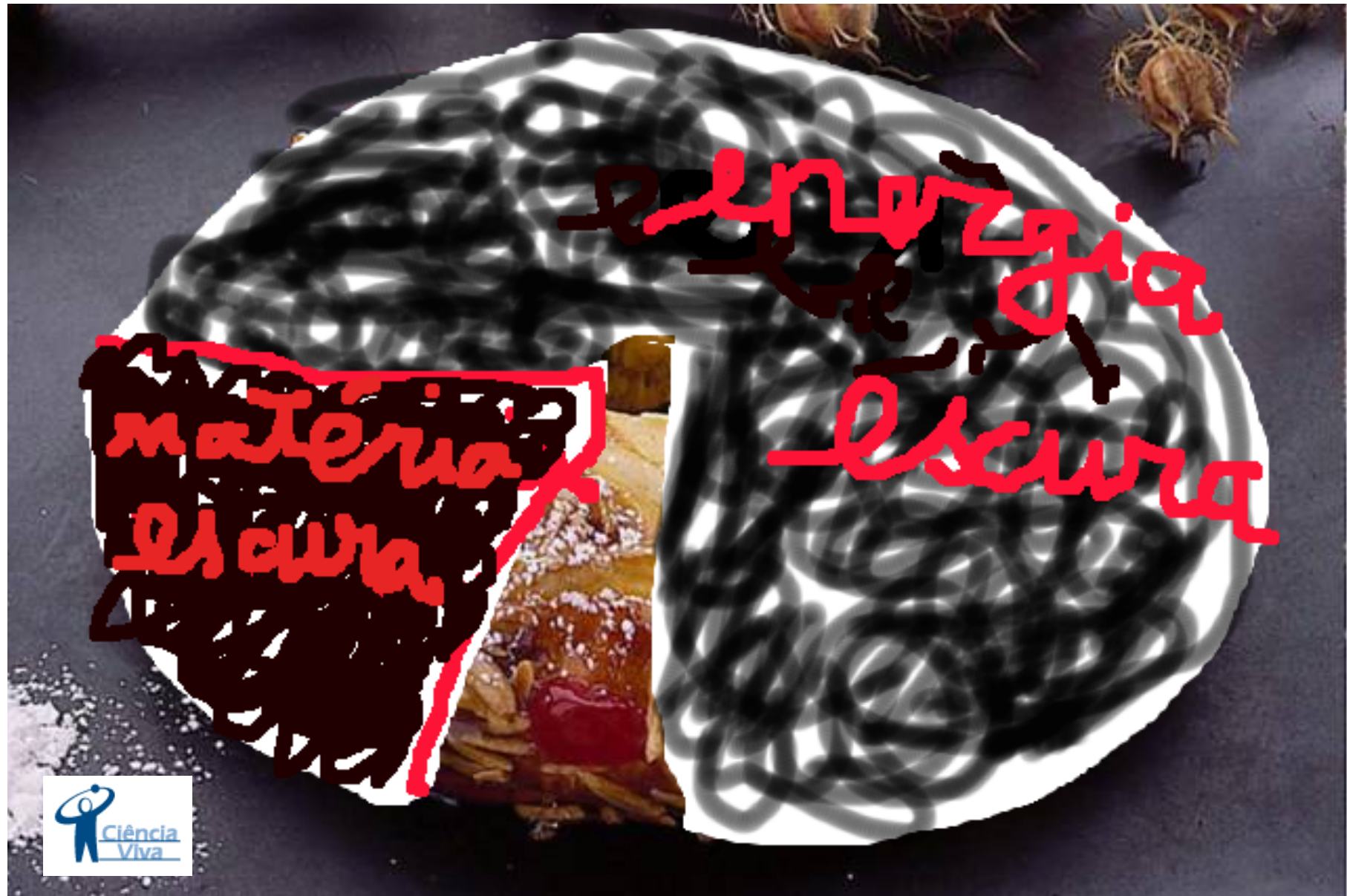


The cost of each new U.S. DDG 1000 destroyer nearly doubled to just under \$6 billion after the Navy decided to halt the program at just three ships. The ships are being built by Northrop Grumman Corp ([NOC.N](#)) and General Dynamics Corp ([GD.N](#)), and come with a combat system built by Raytheon Co ([RTN.N](#))..

a [Nimitz-class](#) carrier powered by two [nuclear reactors](#) and four [steam turbines](#) is 1,092 feet (333 m) long and costs about \$4.5 billion

Segundo o jornal, "com os atrasos ocorridos no início do processo, esse preço (769,3 milhões de euros) disparou para 832,9 milhões de euros, sem juros um aumento de 8%. Com juros, esse valor supera os mil milhões de euro."

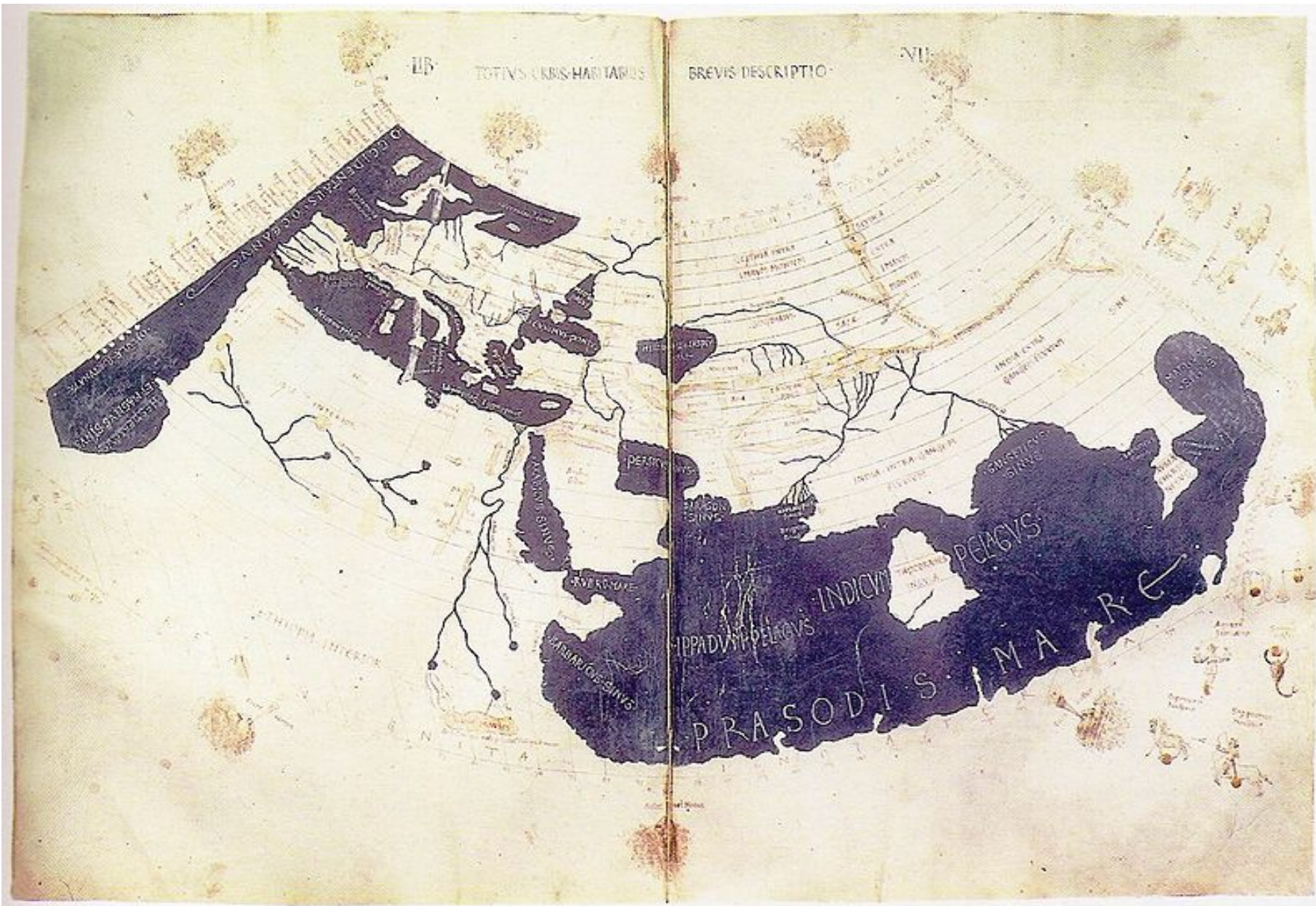




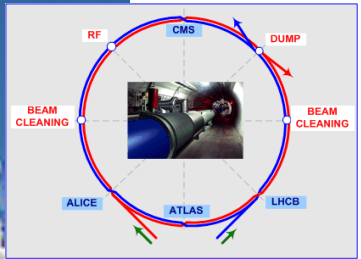
membrana
plasmática
escura











NAVEGAR
É PRECISO

