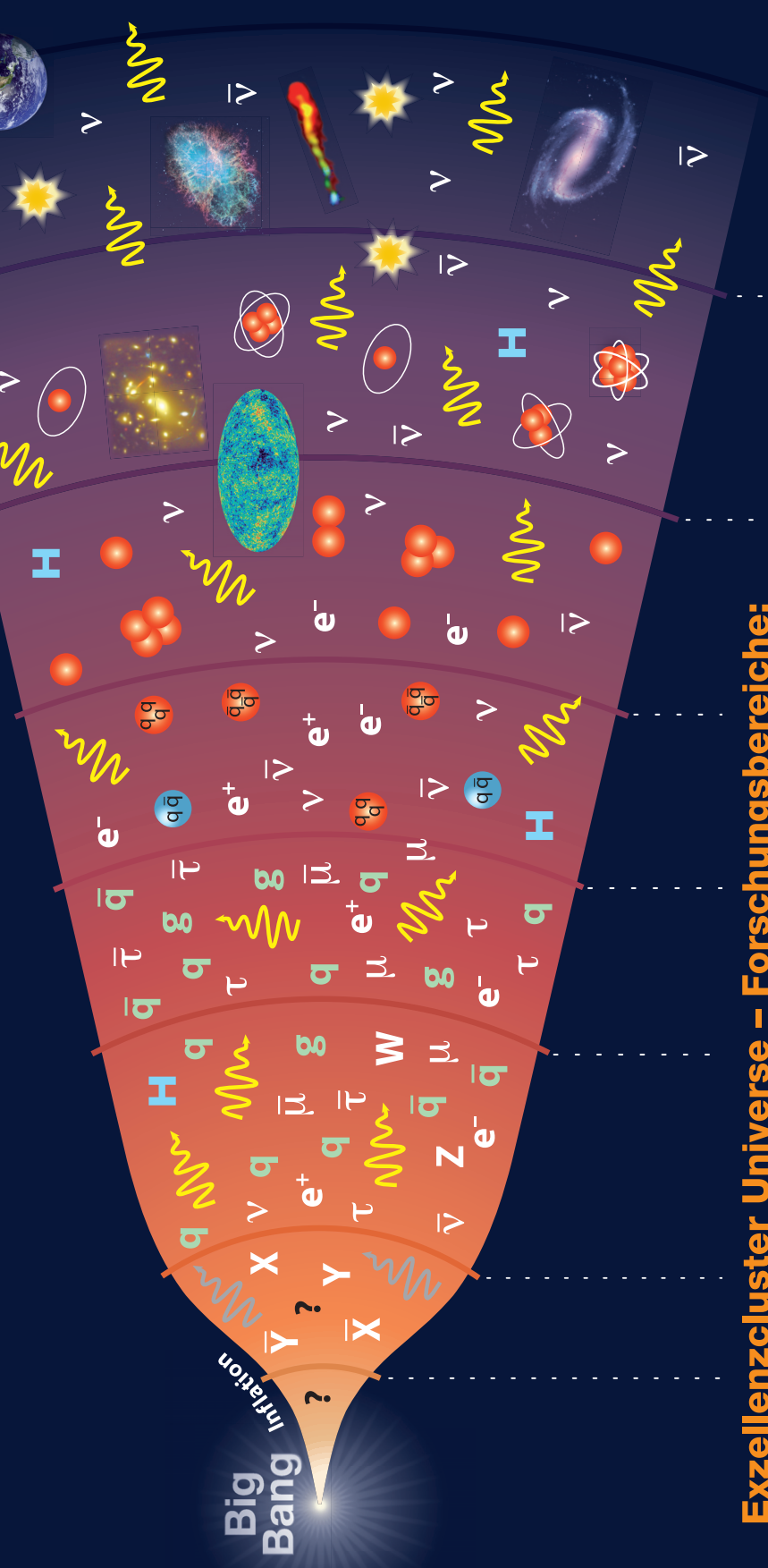


Entwicklung des Universums

H	Higgs
	X -Kraft
X, X̄	X- Bosonen
Y, Ȳ	Y- Bosonen
g	Gluon
q, q̄	Quarks
e⁻	Elektron
e⁺	Positron
ν, ν̄	Neutrinos
μ, μ̄	Myonen
τ, τ̄	Tauonen
	Photon
W, Z	Bosonen
	Meson
	Baryon
	Ion
	Atom
	Stern



Exzellenzcluster Universe – Forschungsbereiche:



Zeit (Sekunden, Jahre)	10^{-44} s	10^{-36} s	10^{-10} s	10^{-5} s	10^2 s	4×10^5 J.	10^9 J.	13.7×10^9 J.
Temperatur (Kelvin)	10^{32}	10^{29}	10^{16}	10^{12}	10^9	3000	15	2.7
Energie (GeV)	10^{19}	10^{16}	1000	10^{-1}	10^{-4}	3×10^{-10}	10^{-12}	2.3×10^{-13}