The differences between new elementary particle physics and the Standard Model of particle physics

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Abstract: giving the main difference between new particle physics with the Standard Model of particle physics

Main viewpoints and conclusions:
The main difference between new elementary particle physics with the Standard Model of particle physics is:

In new elementary particle physics that beyond the Standard Model, there are no exist quark definition and quark particles system; but, in the Standard Model of particle physics, there are exist quark definition and quark particles system. \[1\] \[2\]

Besides, the bump which at an energy of 750 gigaelectronvolts (GeV), if it exist, it is just only a $X$-lepton or called $X$-meson that different from $\pi$, $\mu$, $\tau$, $k$, $\rho$, $\omega$, $\phi$ and the others that have been known; another situation, it is a $X$-baryon. \[3\] \[4\]

References
[1] Quarks take wrong turns
[2] A. O. Barut, Stable Particles as Building Blocks of Matter,
ICTP Preprint IC/79/40 (April, 1979)
[3] Scientists say hoped-for physics particle was just a blip (Update 2)
[4] Redefining Leptons (or called Mesons) and Baryons
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