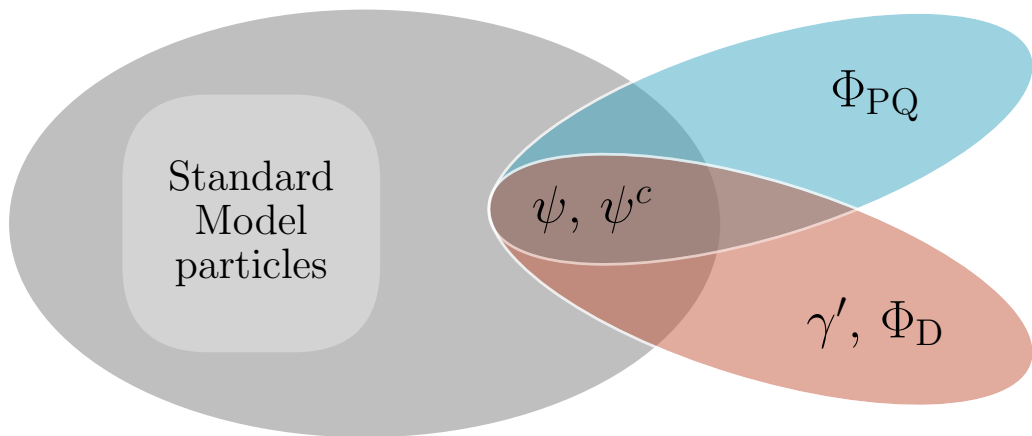


$$SU(3)_C \times SU(2)_L \times U(1)_Y$$

$$U(1)_{\text{PQ}}$$



Symmetry



Breaking

$$U(1)_{\text{Dark}}$$

