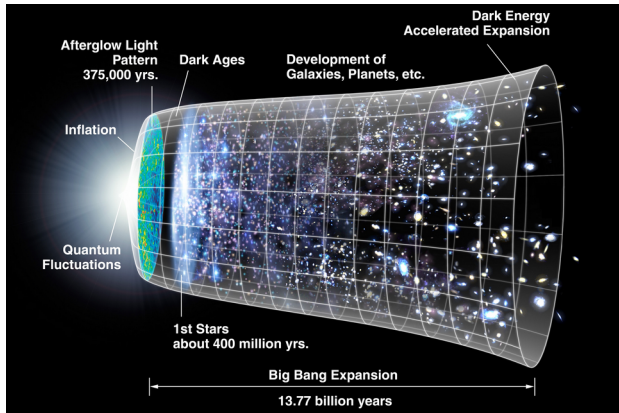


Joel Barir



- Tomer Volansky
- Michael Geller
- Diego Blas



Search for dark photons with a large cavity

With Itay Bloch, Constantine Feinberg, Yair Goldszeit, Tomer Volansky, and Or Katz

Search for dark photons

Kinetic mixing $\mathcal{L} \supset -\frac{\epsilon}{2} F_{\mu\nu} F'^{\mu\nu}$

After Field redefinition:

$$\mathcal{L} \supset \underbrace{\epsilon m^2 A'_\mu A^\mu}_{J_\mu A^\mu} + O(\epsilon^2)$$

