

# XII SERB School on Experimental High Energy Physics, TIFR, Mumbai, Jan 7-27, 2019

Contribution ID : 42

## Flavour Physics

Tuesday 22 Jan 2019 at 09:30 (01h30')

### Content :

Topics:

1.  $K_0$ - $\bar{K}_0$  mixing and prediction of  $K_L$  Long
2. Discover of CPV,  $K_L \rightarrow 2\pi$
3. CP Violation in mixing and Superweak theory
4. CP violation in decay and necessary constraints
5. CP violation through interference of mixing and decay

**Primary authors :**

**Co-authors :**

**Presenter :** Dr. UMASANKAR, S. (IIT, Bombay)

**Session classification :** --not yet classified--

**Track classification :** --not yet classified--

**Type :** --not specified--