

MasterClass Belle II

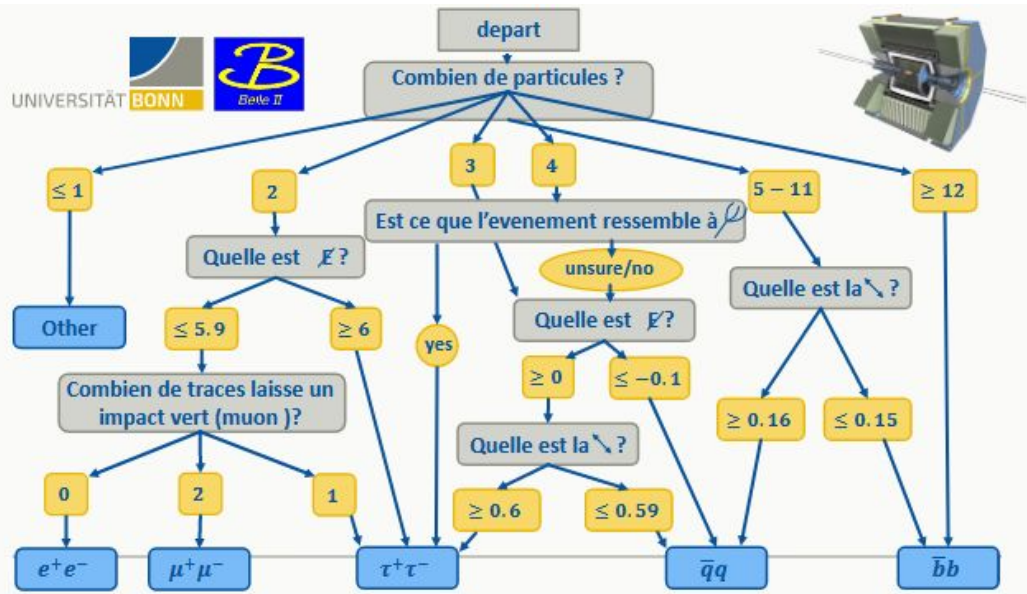
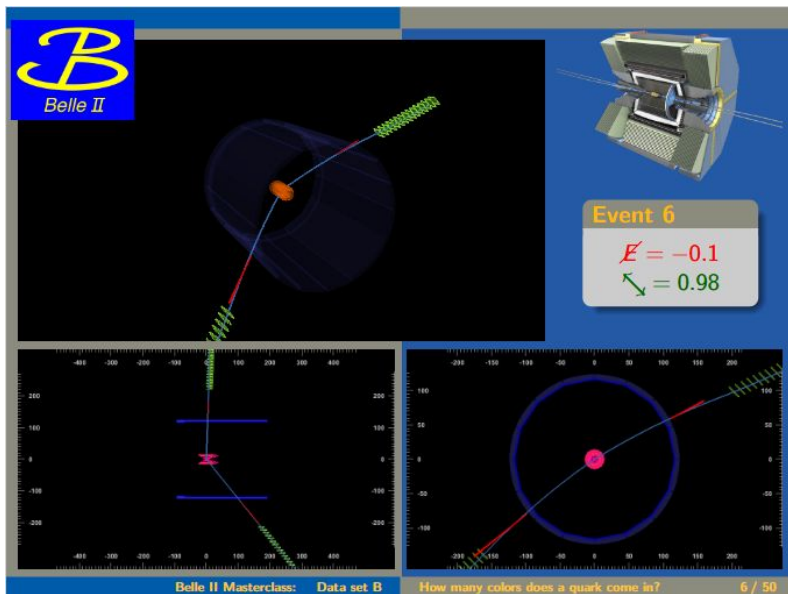
26/03/2024

CPPM, Marseille



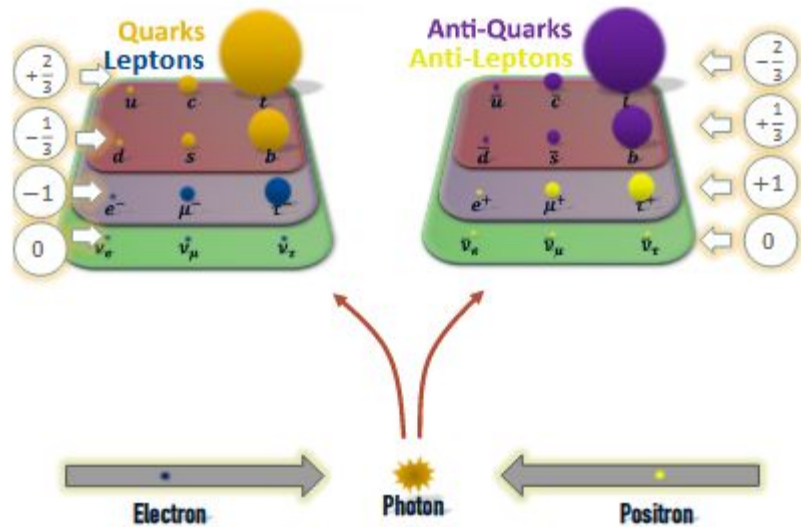
The measurement of each elements

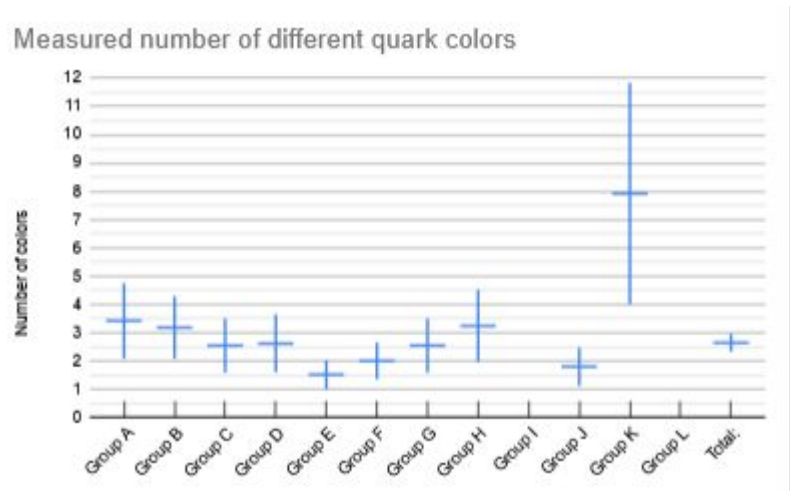
STEP 1: Analysis



Event	Classified	ee pair	$\mu\mu$ pair	$\tau\tau$ pair	qq pair	bb pair	Other
6		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

$$R = \frac{N(e^+e^- \rightarrow \gamma \rightarrow u\bar{u}/d\bar{d}/s\bar{s}/c\bar{c})}{\frac{1}{2} \cdot [N(e^+e^- \rightarrow \gamma \rightarrow \mu^+\mu^-) + N(e^+e^- \rightarrow \gamma \rightarrow \tau^+\tau^-)]}$$





Moyenne = 2,6419

Intervalle = {2.3343;2.9496}

