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Interference effect in vacuum polarization from BABAR, KLOE, CMD2 and SND data.

Friday 12 May 2017 09:30 (30 minutes)

The cross section of the process $e^+e^- \rightarrow \mu^+\mu^-$ is calculated within hadronic polarization taken into account. The interference effects in vicinity of ϕ and ω mesons are calculated (not only) from $\sigma(e^+e^- \rightarrow \text{hadrons})$ and compared with available experiments.

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Session Classification: Friday Morning (20min talks + 10min discussions)