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Two RICH detectors as Velocity Spectrometer in the CKM Experiment

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We will present the design of a velocity spectrometer, to be used in the recently approved CKM experiment. CKM'a main goal is the measurement of the branching ratio of $K^+ \rightarrow ?^+ ??$ with a precision of 10%, via decays in flight of the K^+. The design of both RICH detectors is based on the SELEX Phototube RICH- We will discuss the design and the expected performance, based on studies with SELEX data and on Monte Carlo Simulations.

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