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## Study of ion mobility of gas mixtures.

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The measurement method and initial results will be presented. Three unstudied gases were explored - CF4, Xe – CF4 and Ar – CF4. The ion mobility in this two gaseous mixtures are LCTPC Collaborations object of interest. The measurements were performed in Laboratory of Instrumentation and Experimental Particle Physics –LIP, Coimbra, Portugal. This Laboratory has unique device for studying ion mobility [1,2], thanks to which it has already published many results of ion mobility in different gases.

References

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