

Abstract Submitted
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A Direct Measurement of the W Boson Width EMILY NURSE, VALERIA BARTSCH, DANIEL BEECHER, MARK LANCASTER, SARAH MALIK, TROY VINE, DAVID WATERS, University College London, CDF COLLABORATION — We present a direct measurement of the W boson width using CDF II electron and muon decay channel data with respective integrated luminosities of 377 pb^{-1} and 330 pb^{-1} . The measurement is made by fitting the W boson transverse mass distribution, and the result provides a constraint on potential exotic decay modes of the W boson.

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