

Abstract Submitted  
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**$Z \rightarrow b\bar{b}$  at DØ** PER JONSSON, Imperial College, London, DZERO COLLABORATION — We report on the search for  $Z$  decaying to  $b\bar{b}$  by the Data at the Fermilab Tevatron Collider. We have searched for evidence of the  $Z$  resonance in the  $b$ -tagged di-jet mass spectrum using the RunII data. The observation of this process is important in understanding the detector response to  $b$ -quark jets. Measurement of this process is, therefore, relevant to the search for Higgs bosons in the  $b\bar{b}$  channel and the measurement of the top quark mass.

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