



**38th INTERNATIONAL CONFERENCE  
ON HIGH ENERGY PHYSICS**

AUGUST 3 - 10, 2016  
CHICAGO

Contribution ID: 253

Type: **Oral Presentation**

## **Electroweak scale exotica with LHCb (15' + 5')**

*Friday 5 August 2016 14:30 (20 minutes)*

A flexible trigger system, excellent vertex locator, ring imaging Cherenkov (RICH) detectors, and forward acceptance allow unique exotica measurements to be performed at LHC energies using data collected with the LHCb detector. A summary of results will be presented, including searches for long-lived heavy charged particles, as well as displaced particles decaying into jet pairs.

**Presenter:** DAVID, Pieter (Universite Catholique de Louvain (UCL) (BE))

**Session Classification:** Beyond the Standard Model

**Track Classification:** Beyond the Standard Model