

Updates on activities.

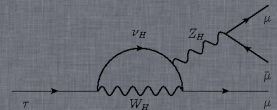
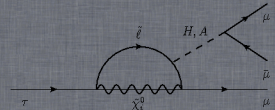
Marcin Chrzęszcz^{1,2}, Nicola Serra¹

¹ University of Zurich, ² Institute of Nuclear Physics, Krakow,

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University of
Zurich^{UZH}



- Use strong generator cuts to clean up the sample (cuts tuned for $\tau \rightarrow \mu\mu\mu$).

Background sample(Dimuon) ¹	
$p_{t\mu}$	$> 280\text{MeV}$
p_{μ}	$> 2.9\text{GeV}$
$m(\mu\mu)$	$< 4.5\text{GeV}$
DOCA($\mu\mu$)	$< 0.35\text{mm}$

¹ $\mu^{\pm}\mu^{\mp}$ and $\mu^{\mp}\mu^{\pm}$

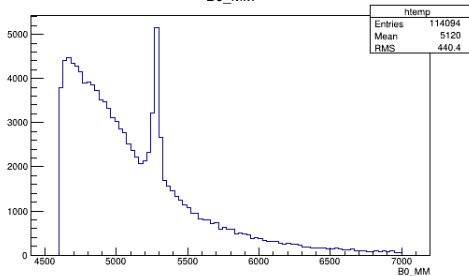
Possible problems:

- Stripping line of $B \rightarrow K^* \mu\mu$ has no P and Pt cuts.
- Invariant mass of two μ has to be rise. How much?
- Maybe make the DOCA tighter?

1M of this kind of events corresponds to $1.2pb^{-1}$.

$\sim 20\text{pb}^{-1}$ sample

B0_MM



J_psi_1S_MM

