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# HHbtautauICHEP2016

# Introduction

This is a page for the bbtatau analysis heading to ICHEP2016.

# Check lists

We develop the check lists outlined here here [↗](#).

## Check list to be completed before looking at the signal regions

items	comments	status
how much data is needed in all CRs	6/fb	<input checked="" type="checkbox"/>
Signal samples		<input checked="" type="checkbox"/>
freeze object selection (btagging etc.)		<input checked="" type="checkbox"/>
freeze event selection (try various new cuts)		<input checked="" type="checkbox"/>
introduce m(H) dependent cut		<input checked="" type="checkbox"/>
consolidate sideband fit and its uncertainties		<input checked="" type="checkbox"/>
complete major systematic uncertainties (cont. bg, photon, jets, lepton)		<input checked="" type="checkbox"/>
run toys for upper limits		<input checked="" type="checkbox"/>

## Check list to be completed before Higgs group approval of the analysis with a partial dataset and circulation to ATLAS.

[deadline 05.06]

Approximate date for approval ...

## Check list to be completed with final dataset. [deadline end of June]

...

## Estimate of time needed (trial run?) between availability of data+GRL and producing final results with this GRL, including all needed checks from point 3. [deadline end of June]

time estimates ...

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### Major updates:

%RESPONSIBLE% KathrynGrimm

%REVIEW% **Never reviewed**

-- KathrynGrimm - 2016-05-27

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This topic: Sandbox > HHbbtauICHEP2016

Topic revision: r1 - 2016-05-27 - KathrynGrimm



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Estimate of time needed (trial run?) between availability of data+GRL and producing final results with this GF