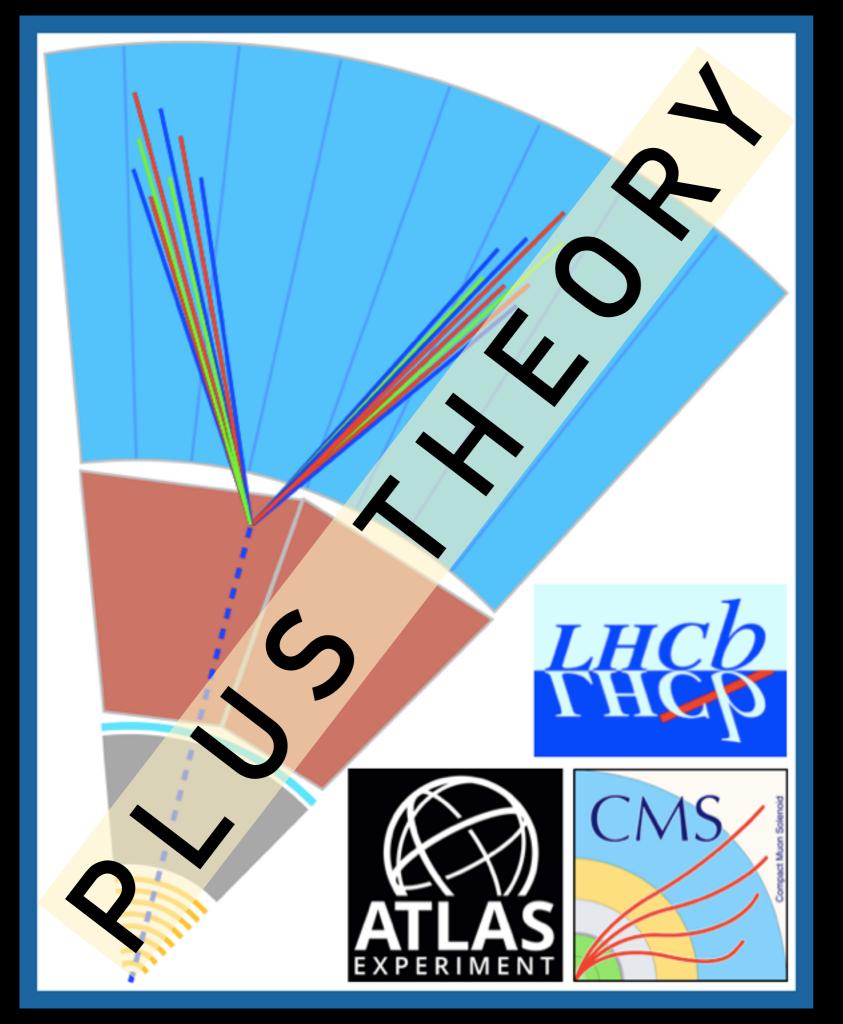


12 May 2016

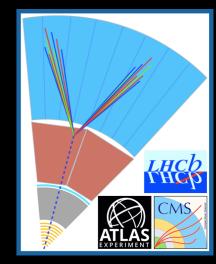
CERN

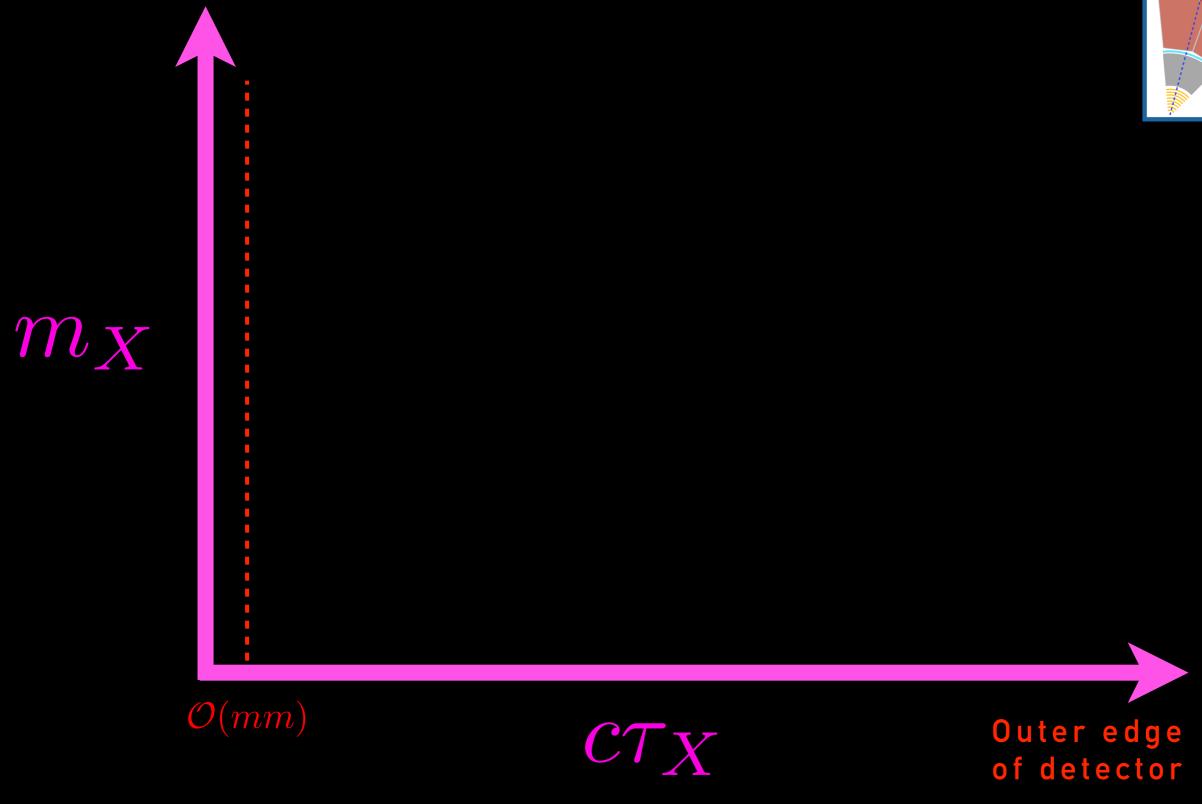


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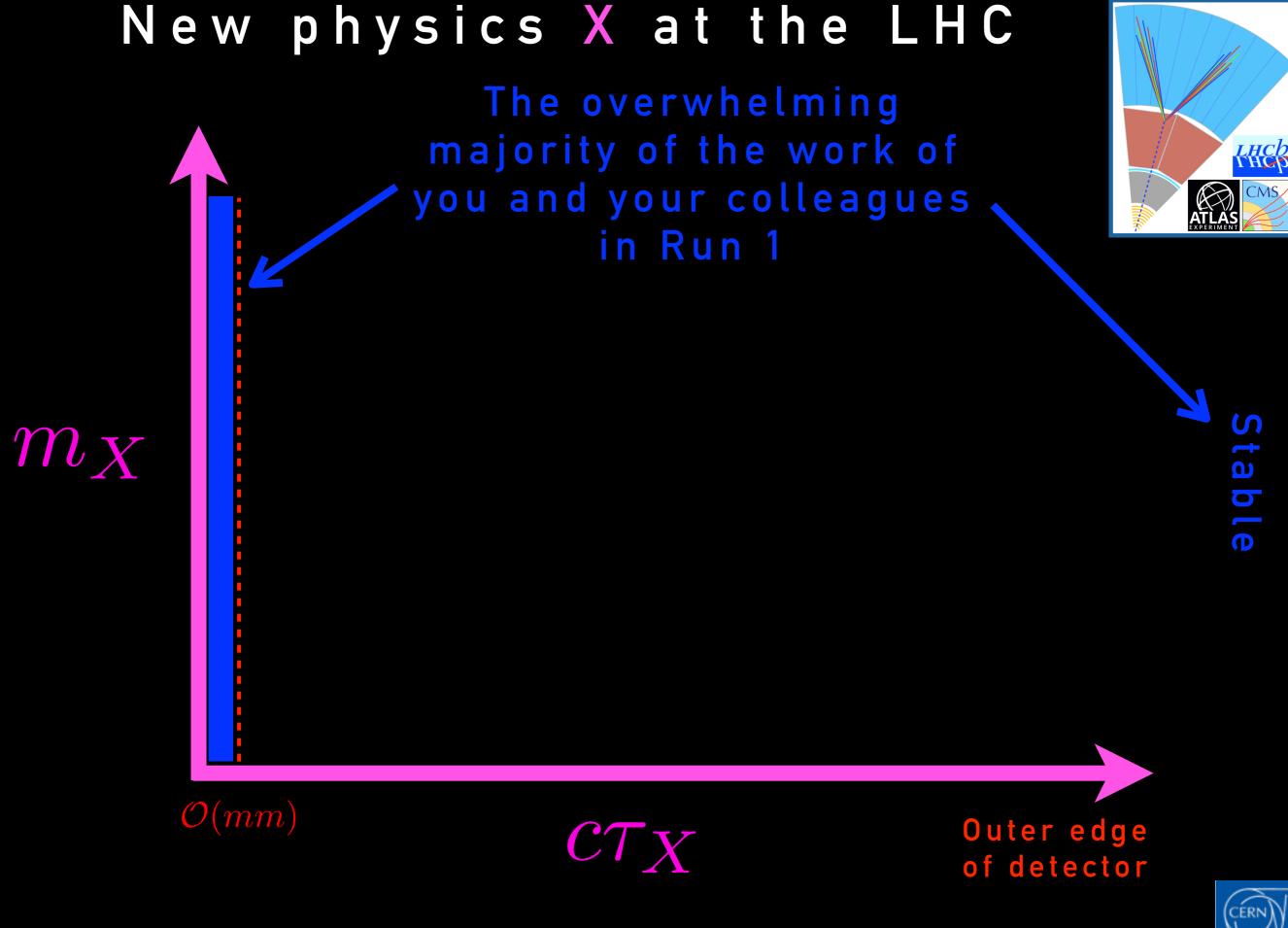
CERN

New physics X at the LHC

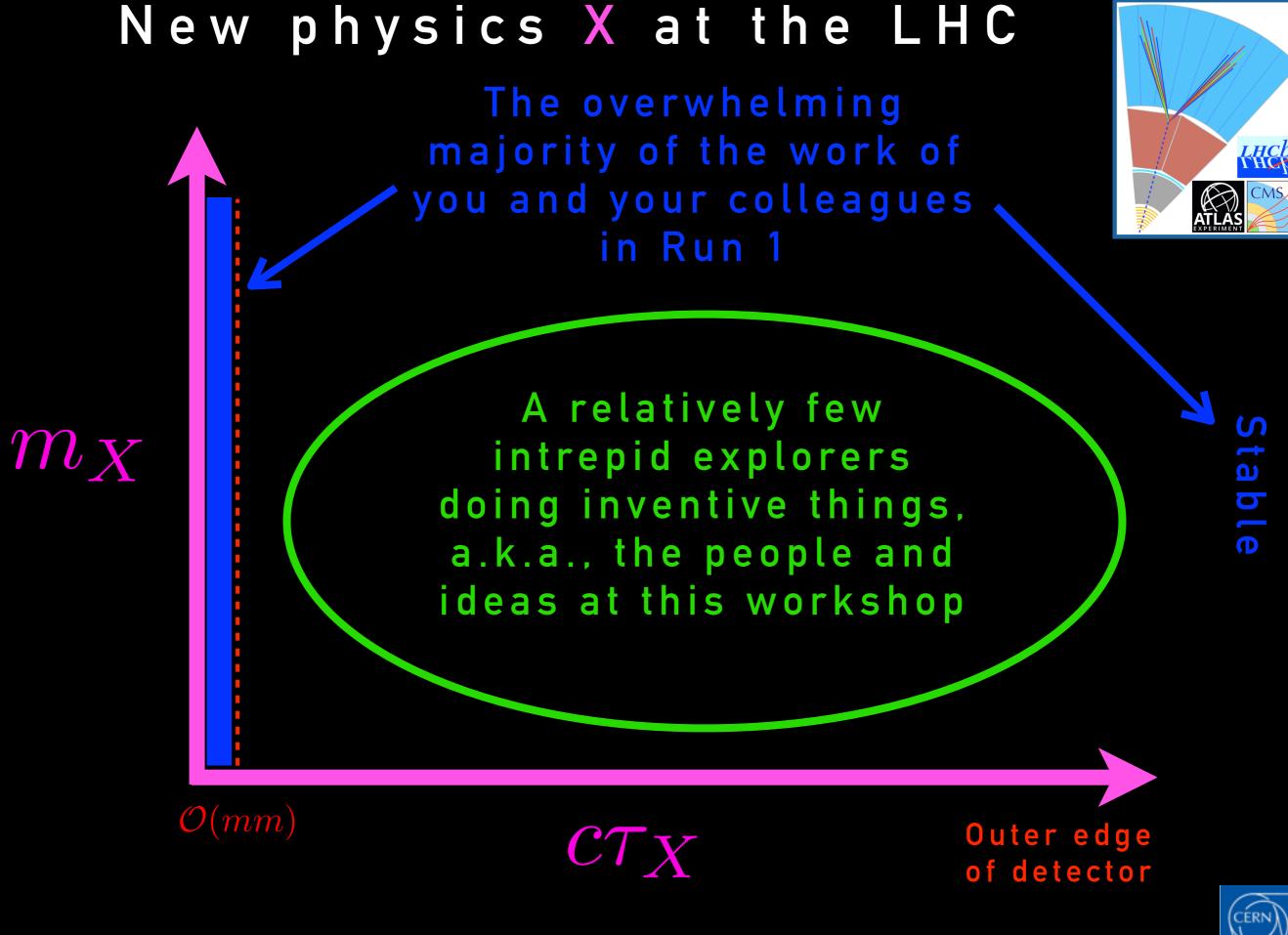






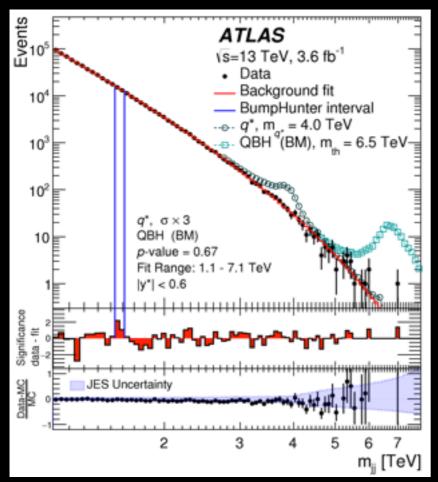


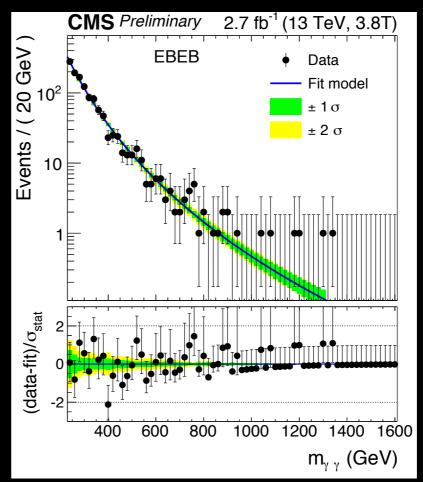


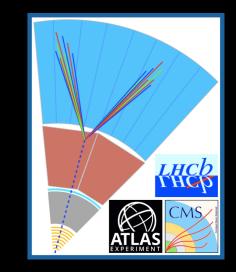


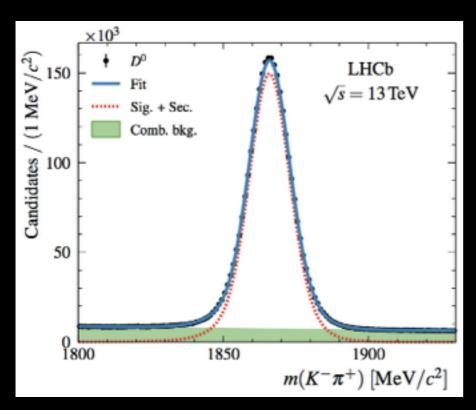


Why is this urgent?









Early 13 TeV searches should be about high-mass, prompt resonances and banner high-precision measurements

Possible results:
Discovery or very
well-understood SM distributions

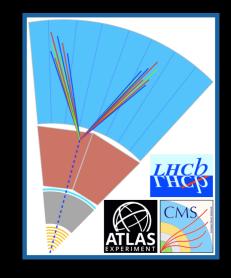


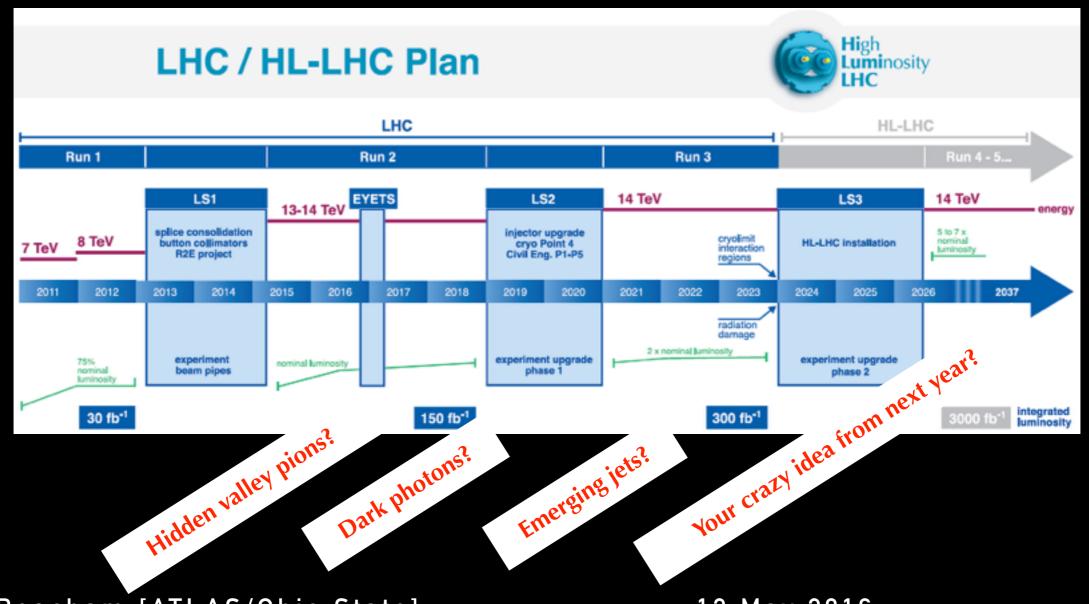
Why is this urgent?

After that,

the rest of our lives careers

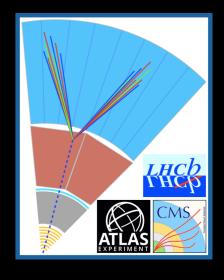
the next 10-20 years of fascinating
subtle signatures: LLPs







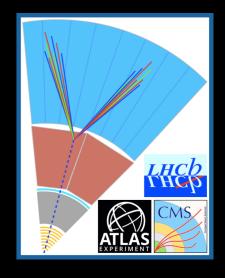
Today's goal: Address the following issues



- 1. Gaps in LHC LLP discovery sensitivity
- 2. Common benchmarks / simplified models for LLP searches
- 3. Presentation of results for recasting and reinterpretation
- 4. Hi-Lumi LHC
- 5. Concrete projects to be pursued after this meeting



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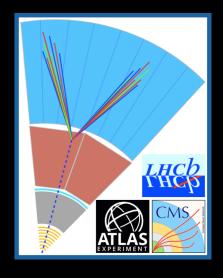


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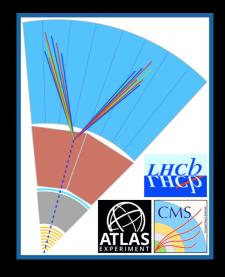
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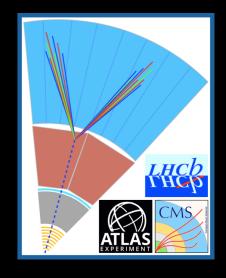
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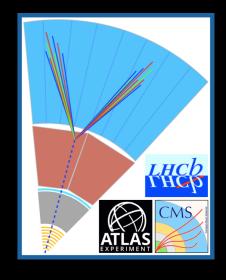
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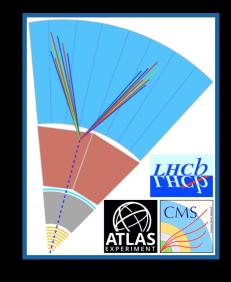
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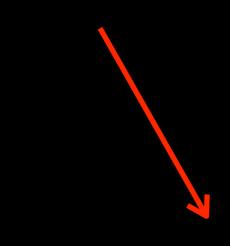
?

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Your real-time ideas go here



Live Document

