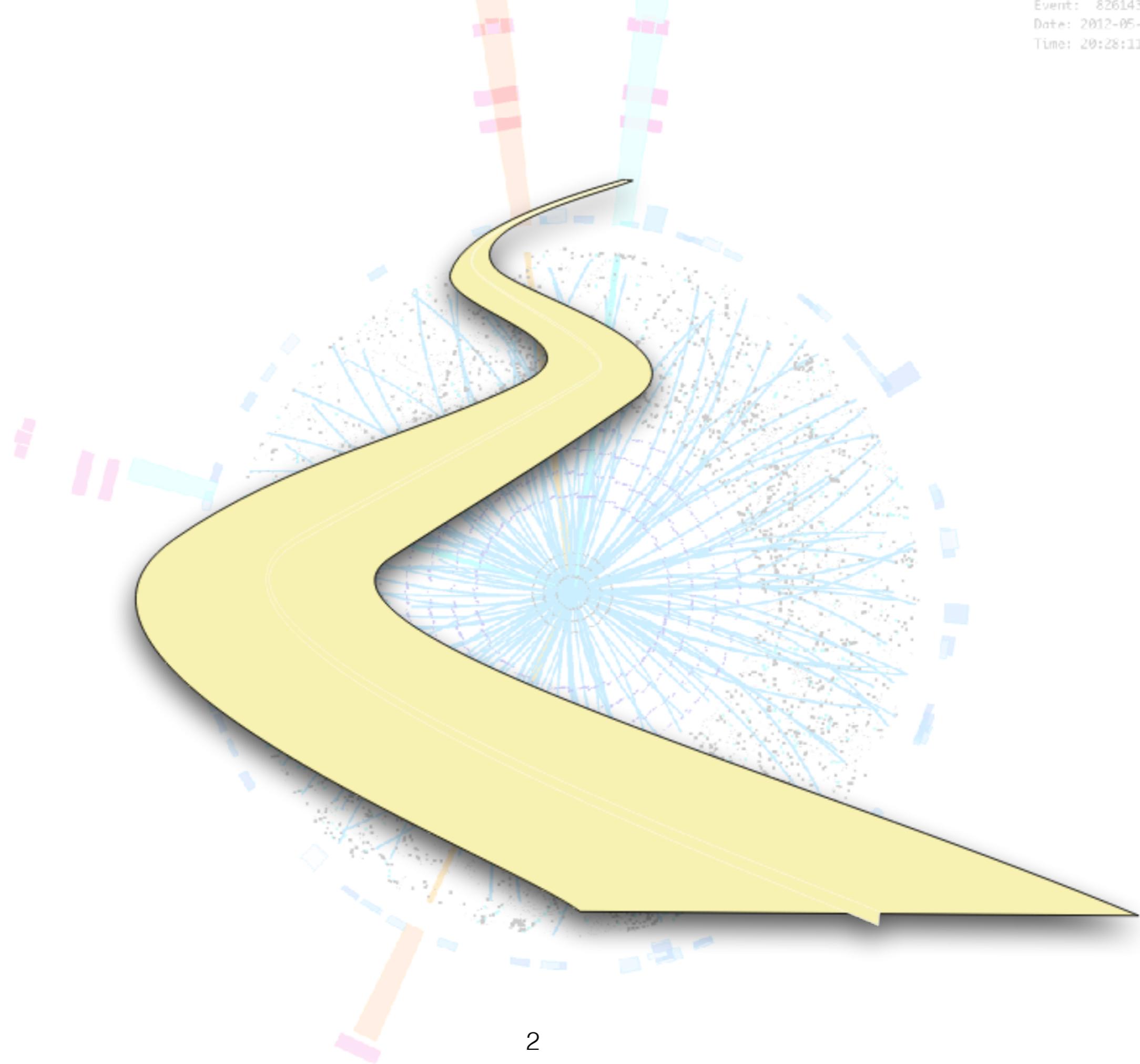
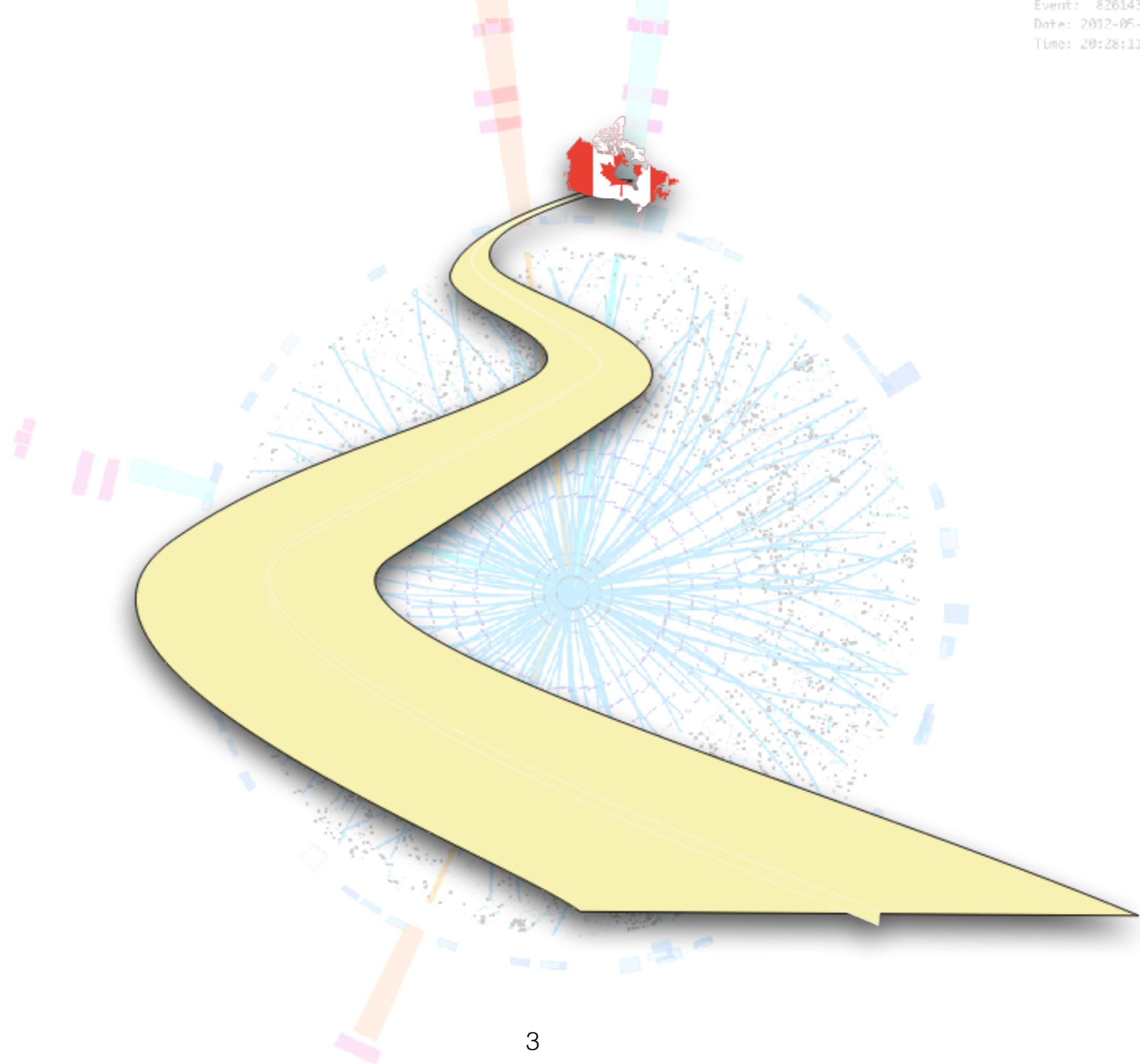


# Self Introduction

Joanna Huang  
MCnet Meeting, April 2018

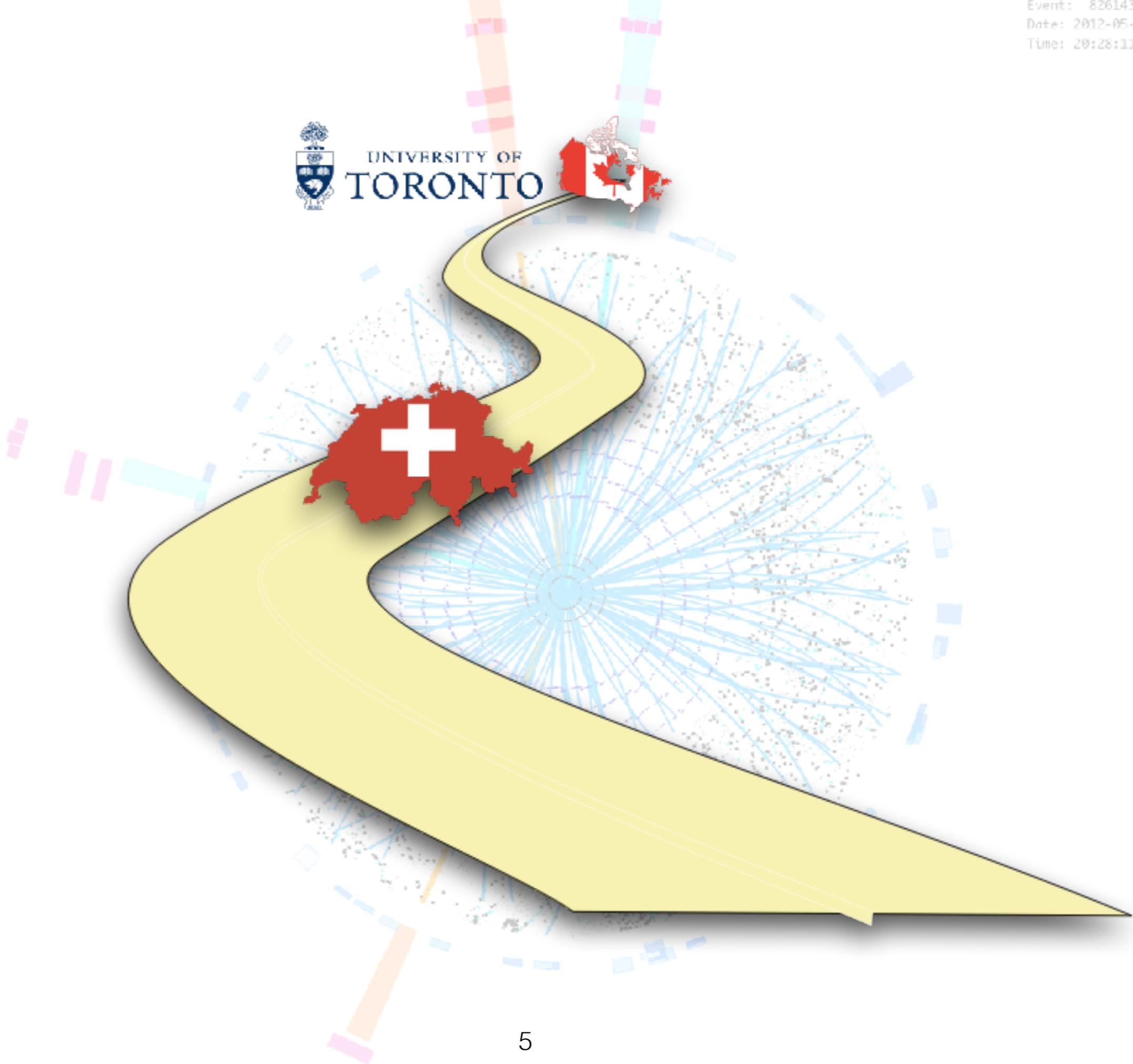


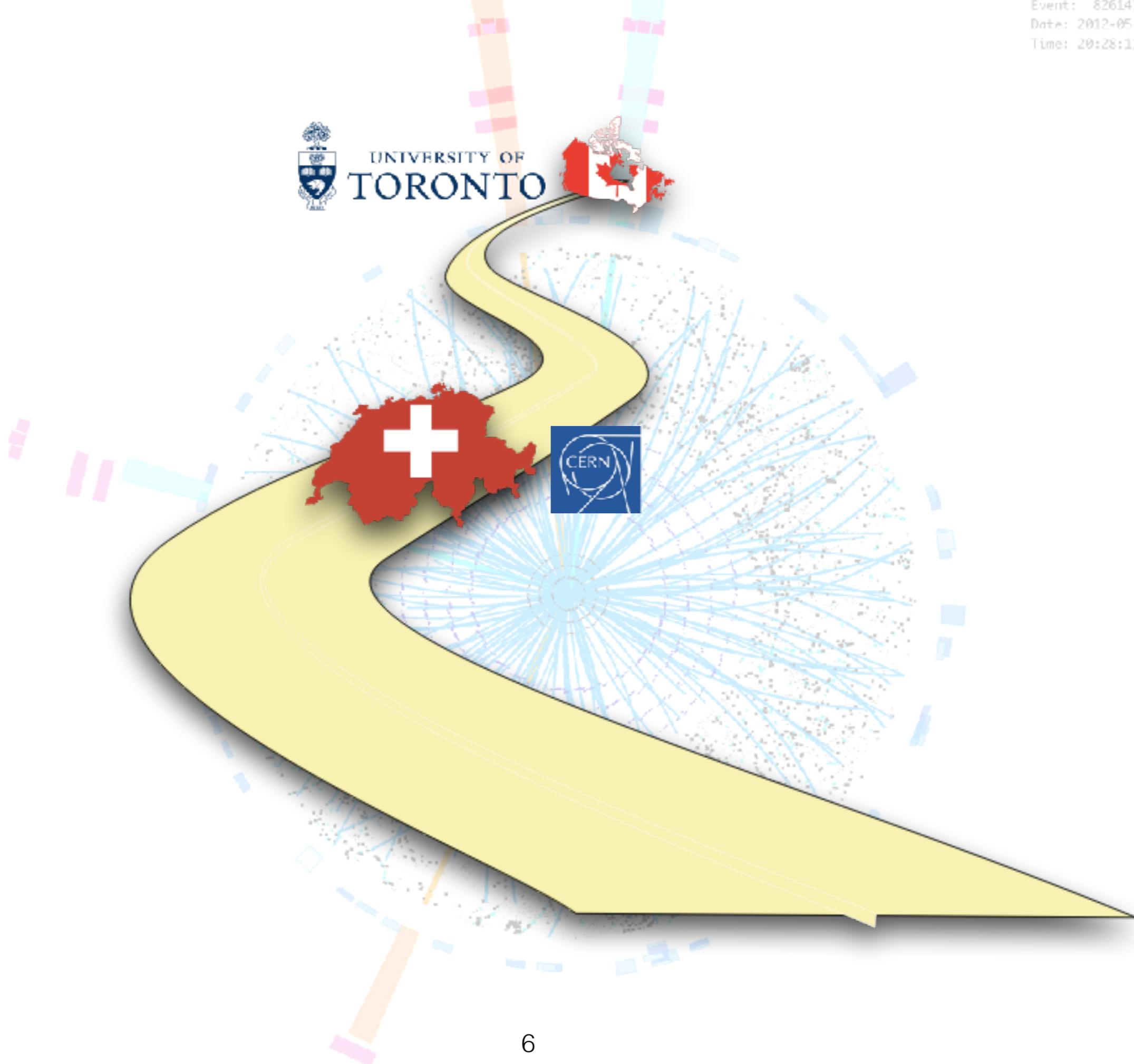


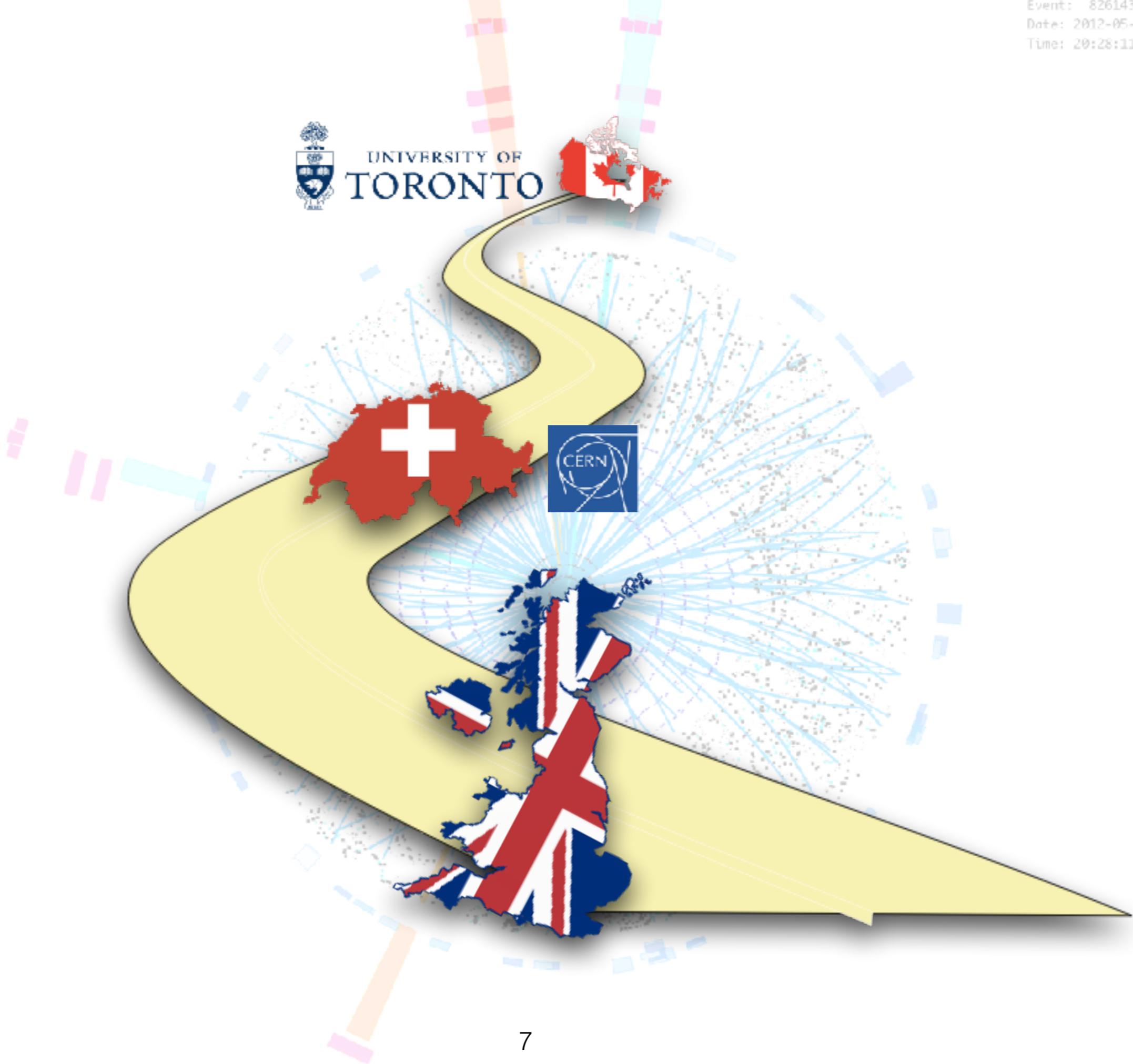


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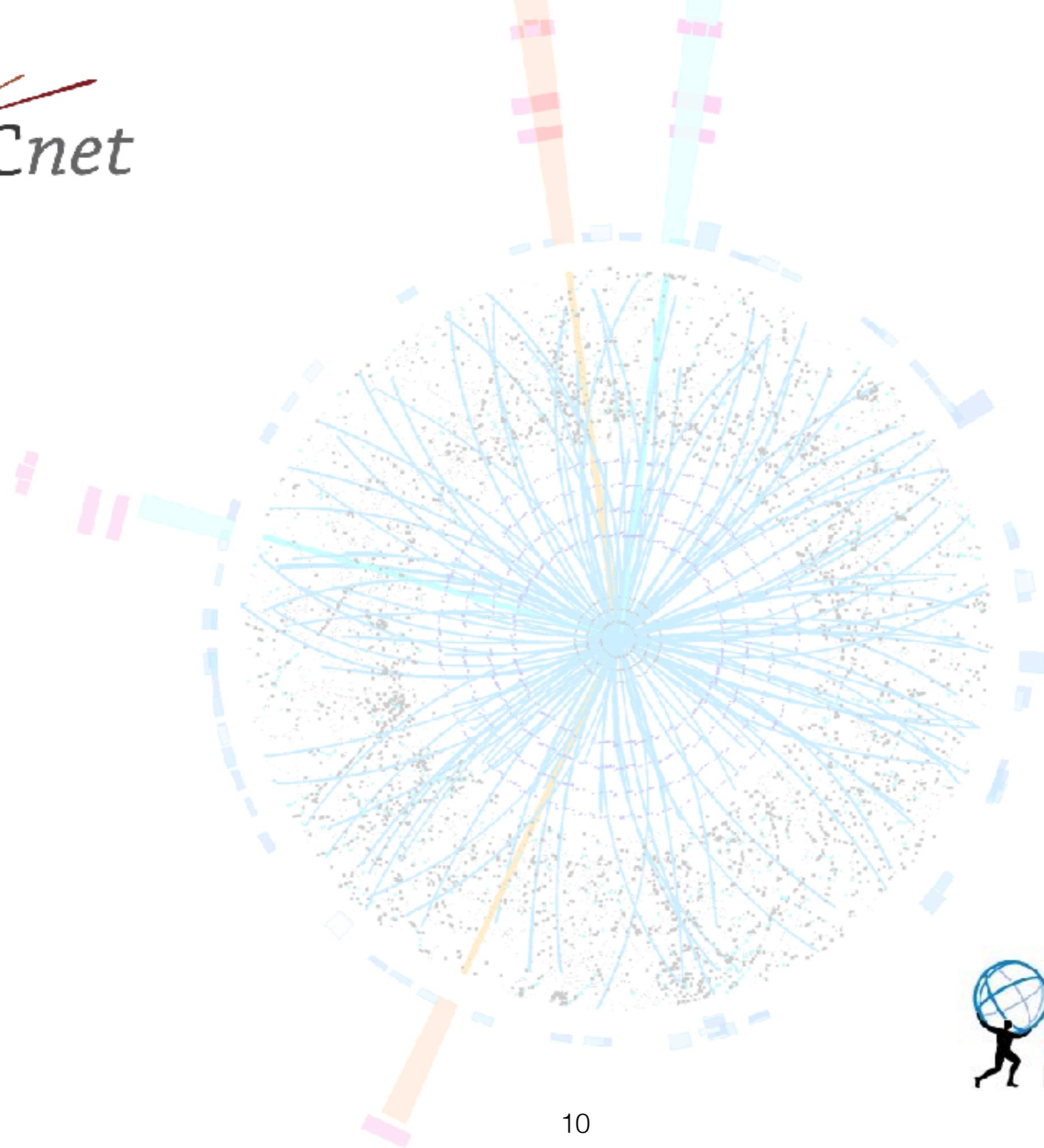


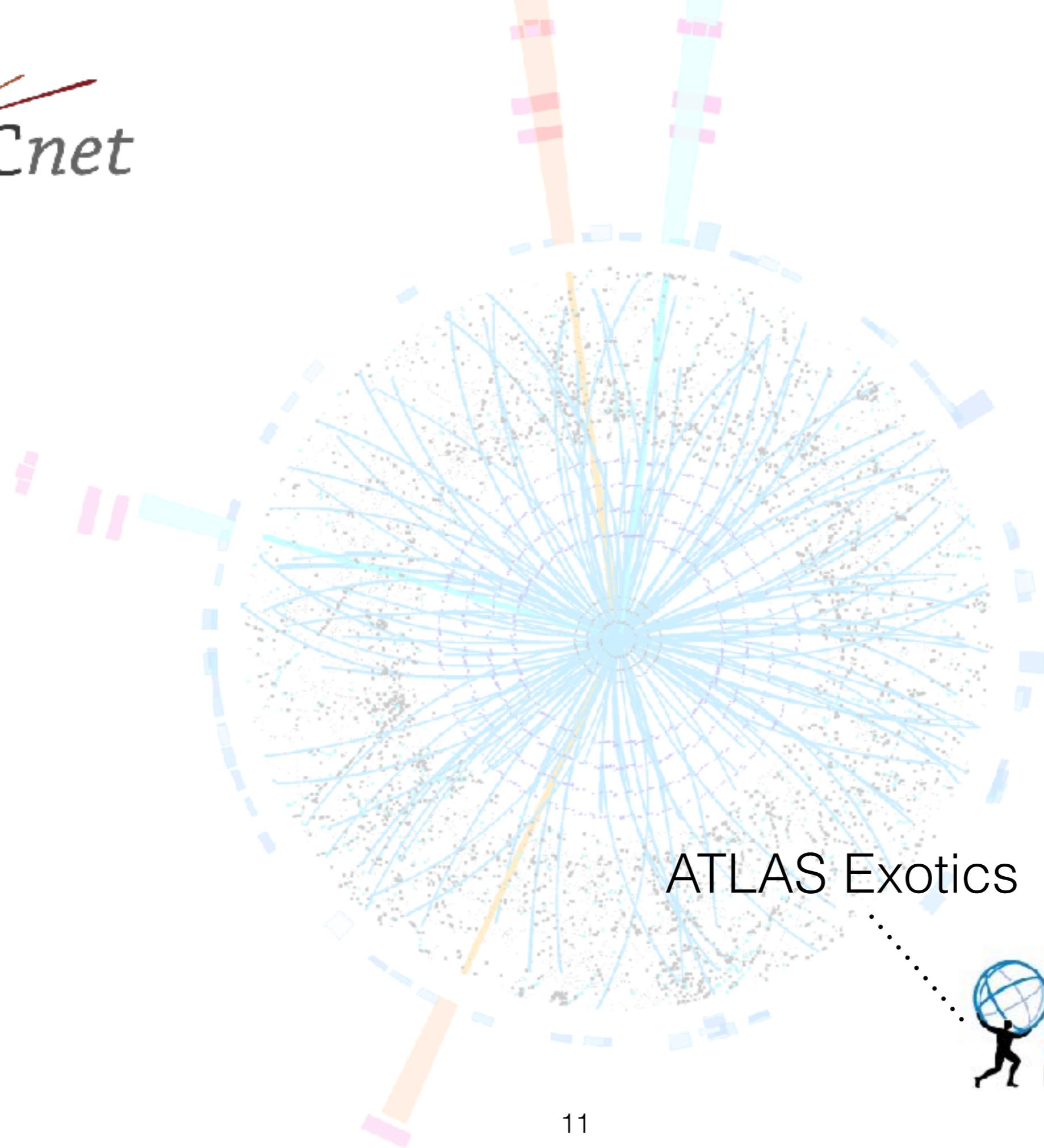
**Imperial College  
London**



**Imperial College  
London**





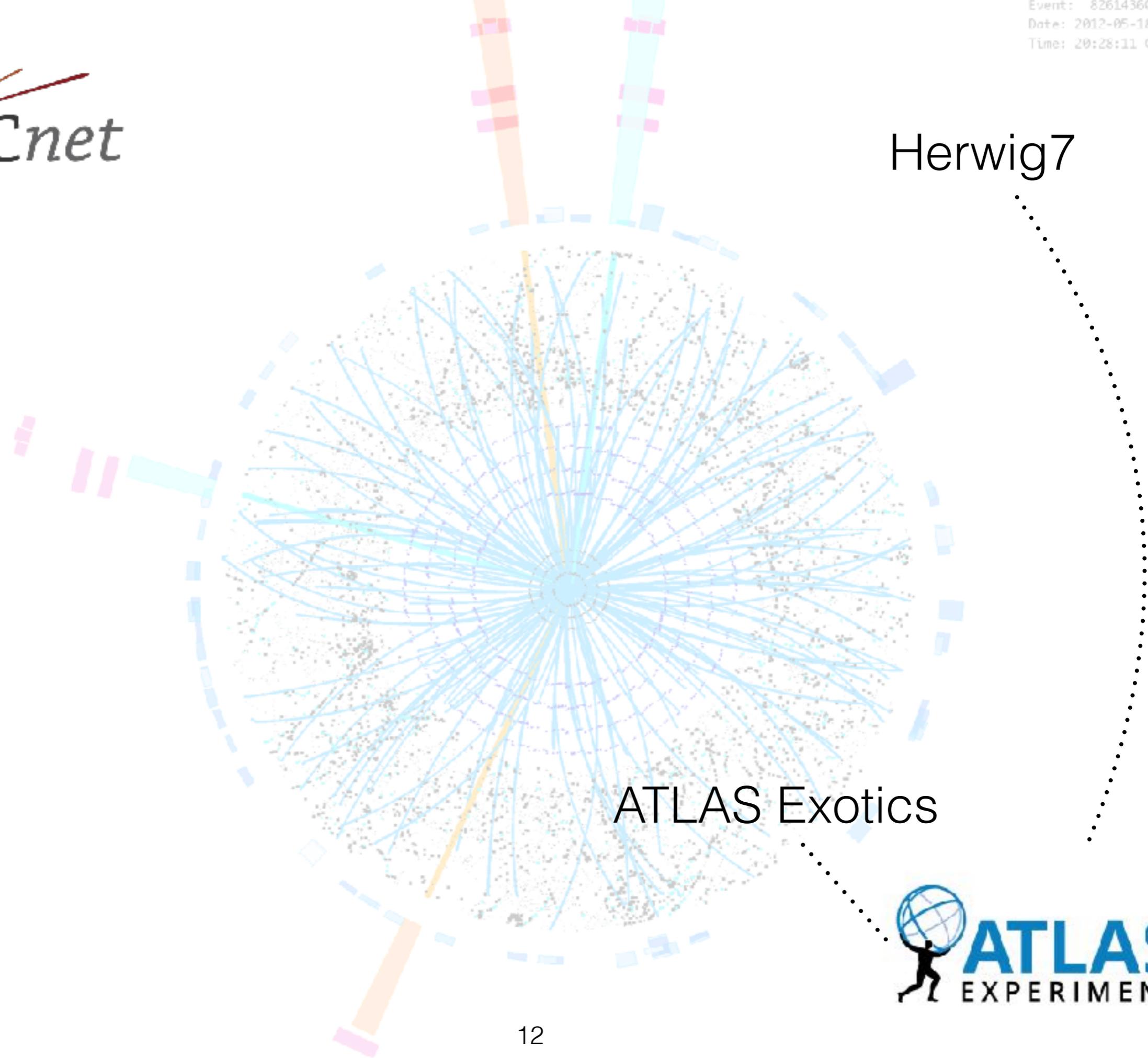


ATLAS Exotics





Herwig7

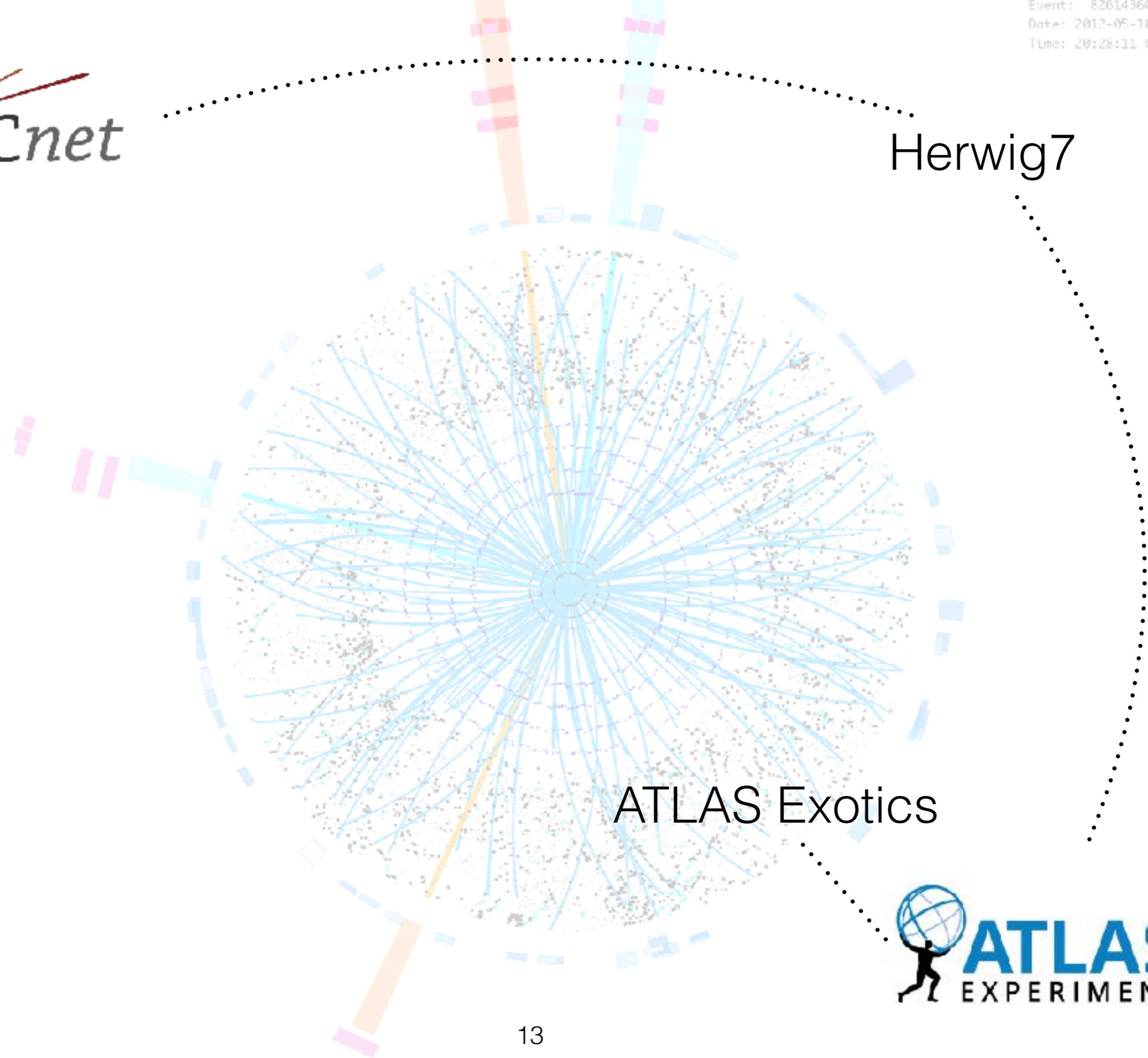


ATLAS Exotics





Herwig7



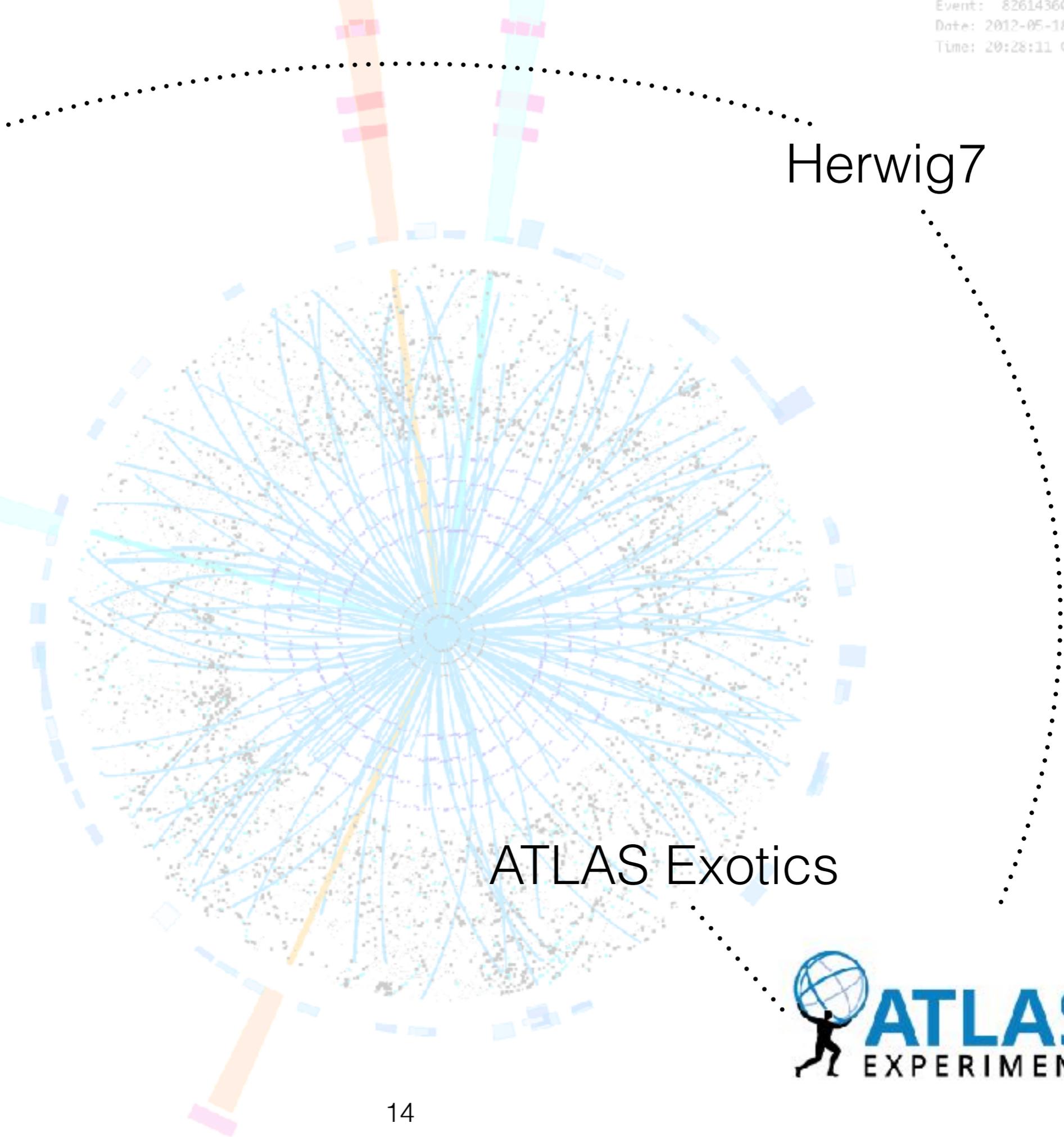
ATLAS Exotics





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CONTUR



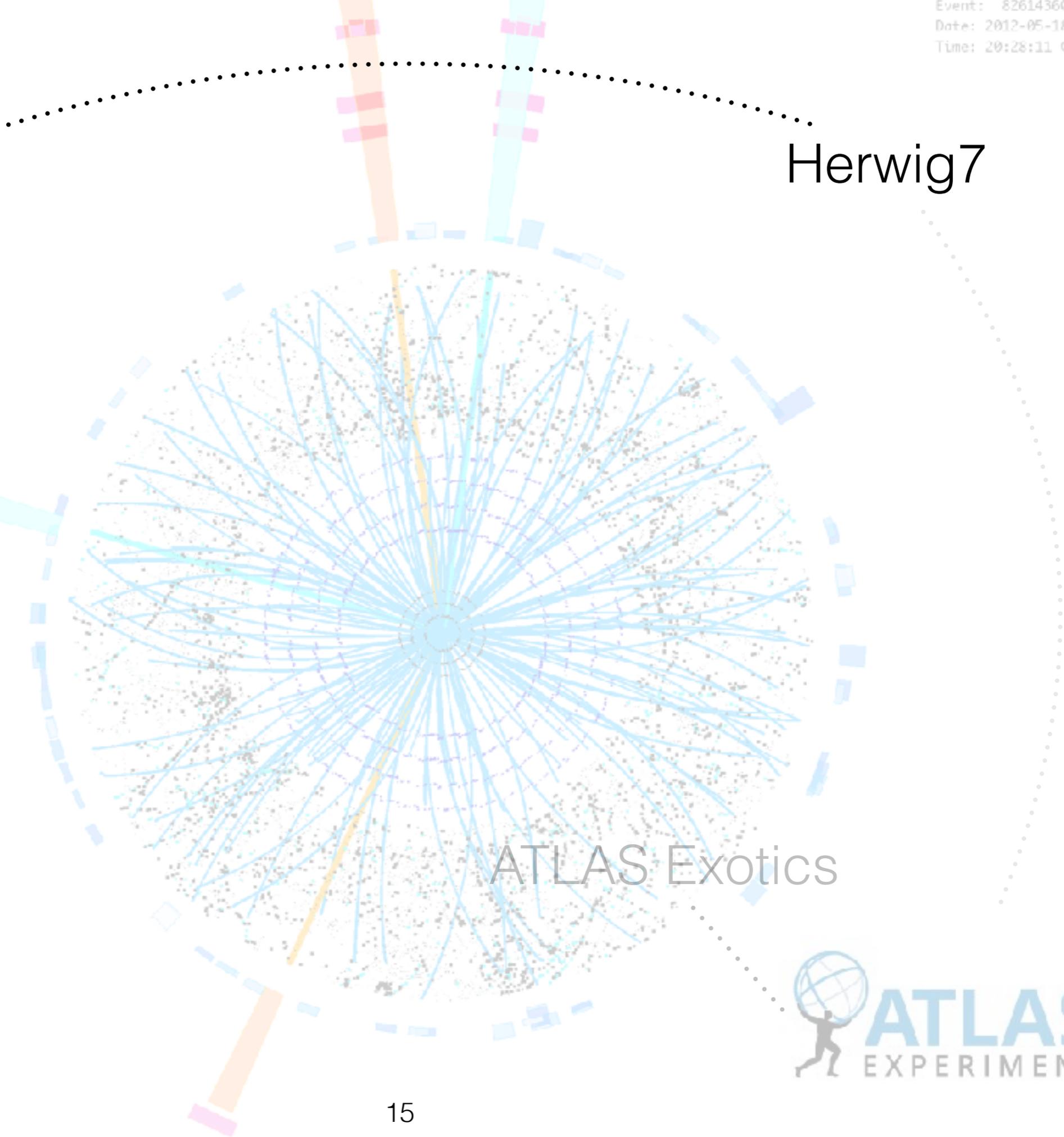
ATLAS Exotics





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CONTUR



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## CONTUR

- Limit setting toolkit for theories BSM
- Reviews simplified BSM models in light of existing SM measurements using Rivet

ATLAS Exotics





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- Investigate merged NLO VB+jets
- Gridpack production
- Batch parallelization
- Phase-space biasing functionality
- Speed of event generation

CONTUR

- Limit setting toolkit for theories BSM
- Reviews simplified BSM models in light of existing SM measurements using Rivet

ATLAS Exotics





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Investigate merged NLO  $\nu B$ +jets  
High parallelization and gridpack  
reduction  
Phase-space biasing functionality  
Speed of event generation

CONTUR

- Limit setting toolkit for theoretical
- Reviews simplified BSM models  
of existing SM measurements



Exotics

