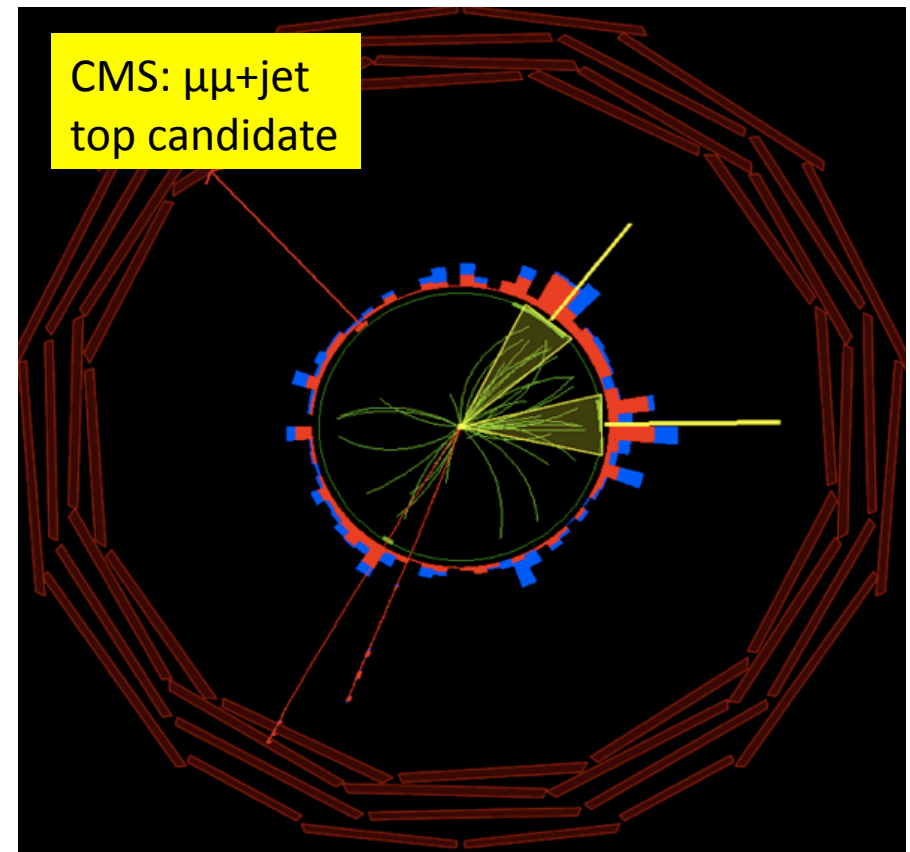
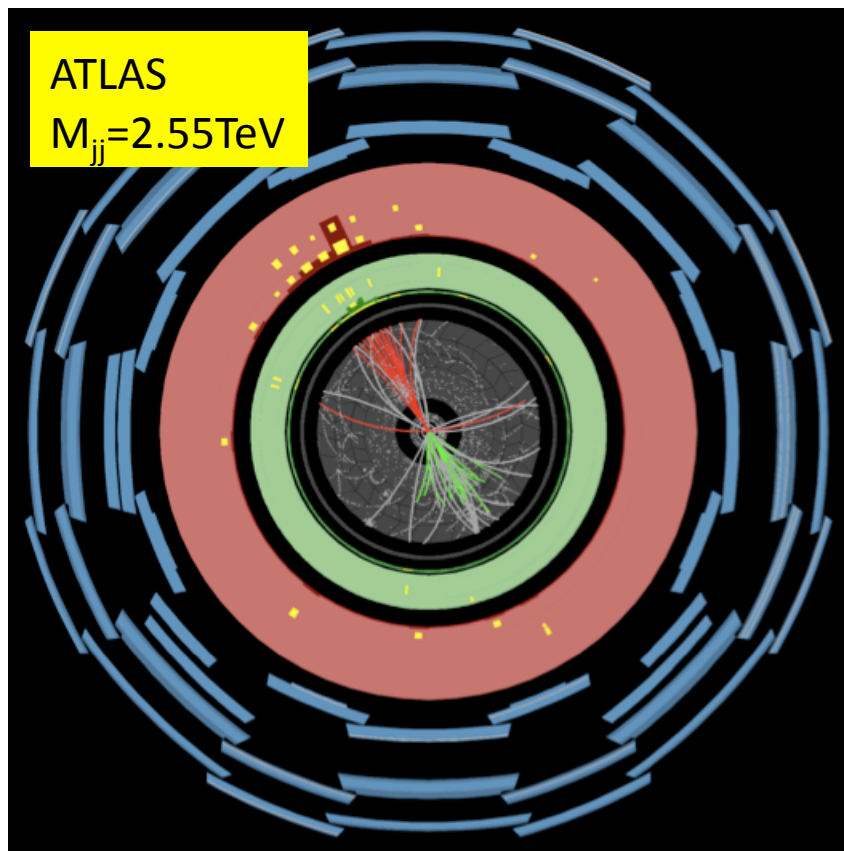


# Welcome to the 2010 Hadronic Final State Analysis Forum

Ariel Schwartzman  
Peter Loch

SLAC, 23-Aug-2010



# Emergency information

- Be aware of exits in your building
- Fire or other emergency evacuations:
  - Follow building residents out of building to the assembly area
- Earthquake:
  - Remain in building: cover and hold positions until shaking stops
  - Evacuate building to assembly area outside (follow others)
  - Stay away from windows, downed power lines
- In the event of an emergency:
  - Dial 9-911 from a SLAC phone, or
  - Dial 911 from your cell phone
  - Provide SLAC address (2575 Sand Hill Road, Menlo Park, CA; cross street Saga Line) and your building/room number (Kavli Auditorium, Bldg. #51)

# Joint theory/experiment open session

- Review of experimental results from LHC
  - CMS (Salvatore Rapoccio)
  - ATLAS (Joe Huston)
- Selected experimental topics from ATLAS
  - Status of and expectations for discoveries (Sven Menke)
  - Jet substructure measurements (Thomas Gadfort)
- Expectations and tools from theory for physics at LHC
  - Physics potential for discoveries at LHC (Eder Izaquirre)
  - Modern jet algorithms and their performance (Stephen Ellis)
- Selected topics from theory
  - Jet substructure analysis as a search tool at LHC (Michael Spannowsky)
  - Search techniques with hadronic final state variables (Natalia Toro)
  - Status of NLO calculations (Harald Ita)