

Welcome to

The 9<sup>th</sup> MC4BSM

Hosted by  
Fermilab's LPC  
and Theory Group

# MC4BSM

\* A successful workshop series on... MC for BSM

- Fermilab (2006)
- Princeton (2007)
- CERN (2008)
- UC Davis (2009)
- NBI Copenhagen (2010)
- Cornell (2012)
- DESY (2013)
- IBS, Daejeon, Korea (2014)
- Back to Fermilab! (2015)

Invariant organizers:

Konstantin Matchev

Steve Mrenna

Maxim Perelstein

Peter Skands

Approximately Invariant:

Christophe Grojean

Series webpage: <http://theory.fnal.gov/mc4bsm/>

# Schedule

- \* Morning: MC talks
- \* Afternoon: BSM Talks
- \* Tuesday and Wednesday afternoon: Tutorials

Tuesday: ROC (11th floor, this side).  
Snakepit (2nd floor, opposite side)

Wednesday: 1 East (this floor, opposite side)  
Snakepit (2nd floor, opposite side)

Thursday: Data Challenge

# Coffee

- \* Coffee breaks in the atrium.
- \* If you yearn for espresso, feel free to come by
  - o the LPC (11<sup>th</sup>, east)
  - o the Theory Group (3<sup>rd</sup>, west)Pods are available for purchase there.

# Internet

- \* The 'guest' network should work (after a short registration form).

# Night Life

- \* This evening: Reception, out here.
- \* Tuesday evening: a (non-)banquet.

We are going to Mapo,

(Mapo is good Chinese place that is blessed by Yang Bai.  
We pay for ourselves).

If you are coming, please sign up  
on the sheet at the registration desk.  
Please indicate if you have a car.

# Other fun stuff this week:

## \* Data Challenge:

Thursday morning, 11<sup>th</sup> floor east.

An addendum to MC4BSM. Followed by MC talks for CMS members. (Ask Robin for details).

<https://indico.cern.ch/event/379384/>

## \* Workshop on Exotic Higgs Decays:

Thursday and Friday, 8th floor crossover.

A meeting of the LHC Higgs Cross Section Working Group.  
(Organizers: Shikma Bressler, Stefania Gori, Jessie Shelton, Abdollah Mohamdi)

<http://indico.cern.ch/event/388790/>

# Fermilab Workshops

- \* We are planning to step-up workshops hosted at Fermilab (hopefully with Fermilab funds). e.g.:
  - o July: Neutrino workshop
  - o October: A Composite Higgs and HiggsEFT program.
  - o ...
- \* Like MC4BSM, all these are organized in collaboration with university colleagues.  
We welcome ideas for future workshops.