

LHC West Coast

Report of Contributions

Contribution ID: 0

Type: **not specified**

Jet Definitions

Friday 8 December 2006 10:15 (45 minutes)

Infrared safety in definitions of observables for short distance physics and why it is important.

Cone definitions of jets. The basic definition and some of the variations. Are these OK?

KT definition. Advantages and potential disadvantages.

Presenter: Prof. SOPER, Davison (U. Oregon)

Contribution ID: 1

Type: **not specified**

SUSY tau and lepton signatures

Friday 8 December 2006 09:30 (45 minutes)

Max Chertok (UCD)

Presenter: CHERTOK, Maxwell (Department of Physics)

Contribution ID: 2

Type: **not specified**

A practical jet primer

Friday 8 December 2006 11:15 (45 minutes)

Steve Ellis (U. Wash.)

What have been the issues with jet algorithms in real experiments?

What do all the buzz-words mean?

What are the issues likely to be at the LHC?

Presenter: Prof. ELLIS, Steve (U. Wash.)

Contribution ID: 3

Type: **not specified**

Jets at the LHC: an experimental perspective

Friday 8 December 2006 13:00 (45 minutes)

Joey Huston (MSU)

Presenter: Prof. HUSTON, Joey (Michigan State University)

Contribution ID: 4

Type: **not specified**

Event Generation from Effective Field Theory

Friday 8 December 2006 13:45 (45 minutes)

Christian Bauer (UC Berkeley)

Presenter: Prof. BAUER, Christian (UC Berkeley)

Contribution ID: 5

Type: **not specified**

MadGraph/MadEvent v. 4

Friday 8 December 2006 15:15 (45 minutes)

Johan Alwall (SLAC)

Presenter: Dr ALWALL, Johan (Université Catholique de Louvain)

Contribution ID: 6

Type: **not specified**

MARMOSSET: Signal-Based Monte Carlo for the LHC

Friday 8 December 2006 16:00 (45 minutes)

Jesse Thaler (UC Berkeley)

Presenter: Dr THALER, Jesse (UC Berkeley)

Contribution ID: 7

Type: **not specified**

Turning Unknown Unknowns into Known Unknowns

Friday 8 December 2006 16:45 (45 minutes)

Graham Kribs (U. Oregon)

Presenter: Prof. KRIBS, Graham (U. Oregon)