

LHCHXS kick-off meeting on fiducial cross sections

Report of Contributions

Contribution ID: 0

Type: **not specified**

ATLAS: Review of H -> yy Results

Tuesday 23 June 2015 13:30 (20 minutes)

Presenter: PILKINGTON, Andrew (University Of Manchester)

Session Classification: Measurements in Run 1

Contribution ID: 1

Type: **not specified**

ATLAS: Review of H -> 4lep Results and Combination of both channels

Tuesday 23 June 2015 14:00 (25 minutes)

Presenter: HEIM, Sarah (University of Pennsylvania (US))

Session Classification: Measurements in Run 1

Contribution ID: 2

Type: **not specified**

Target Measurements for Run 2 and additional ideas

Wednesday 24 June 2015 17:30 (30 minutes)

Session Classification: Open Forum / Discussion: Towards Run 2 and beyond

Contribution ID: 3

Type: **not specified**

ATLAS: Review of Combination

Presenter: HEIM, Sarah (University of Pennsylvania (US))

Contribution ID: 4

Type: **not specified**

CMS: Approaches to the H -> yy and H -> 4l measurements

Tuesday 23 June 2015 14:30 (20 minutes)

Presenter: CHANON, Nicolas Pierre (Institut Pluridisciplinaire Hubert Curien (FR))

Session Classification: Measurements in Run 1

Contribution ID: 5

Type: **not specified**

Introduction and scope of the meeting

Tuesday 23 June 2015 10:00 (10 minutes)

Presenters: BERNLOCHNER, Florian Urs (Universitaet Bonn (DE)); MONNI, Pier Francesco (University of Oxford (GB)); MILENOVIC, Predrag (University of Florida (US)); KRAML, Sabine (Centre National de la Recherche Scientifique (FR))

Session Classification: General overview

Contribution ID: 6

Type: **not specified**

Summary of the LH WS 2015: Session 1 discussions

Tuesday 23 June 2015 10:15 (25 minutes)

Presenter: BENDAVID, Josh (CERN)

Session Classification: General overview

Contribution ID: 7

Type: **not specified**

Summary of the LH WS 2015: Session 2 discussions

Tuesday 23 June 2015 10:50 (25 minutes)

Presenter: ENGLERT, Christoph Peter (University of Glasgow (GB))

Session Classification: General overview

Contribution ID: 8

Type: **not specified**

Lessons from the SM fiducial XS measurements

Wednesday 24 June 2015 13:30 (20 minutes)

Presenter: SAVIN, Alexander (University of Wisconsin (US))

Session Classification: Experimental aspects

Contribution ID: 9

Type: **not specified**

Fiducial phase space and model dependence (ATLAS, CMS)

Wednesday 24 June 2015 14:00 (15 minutes)

Presenters: SPERKA, David (University of Florida (US)); MENARY, Stephen Burns (University of Manchester (GB))

Session Classification: Experimental aspects

Contribution ID: **10**

Type: **not specified**

Unfolding procedures (ATLAS, CMS)

Wednesday 24 June 2015 14:30 (15 minutes)

Presenters: MARINI, Andrea Carlo (Massachusetts Inst. of Technology (US)); HANEY, Bijan (University of Pennsylvania (US))

Session Classification: Experimental aspects

Contribution ID: 11

Type: **not specified**

Combination of results (different final states, different experiments)

Wednesday 24 June 2015 15:00 (15 minutes)

Presenter: QUEITSCH-MAITLAND, Michaela (University of Manchester (GB))

Session Classification: Experimental aspects

Contribution ID: 12

Type: **not specified**

PDF perspectives for Run II

Wednesday 24 June 2015 16:00 (20 minutes)

Presenter: ROJO CHACON, Juan (University of Oxford (GB))

Session Classification: Open Forum / Discussion: Towards Run 2 and beyond

Contribution ID: 13

Type: **not specified**

Challenges and discussion about H -> WW, bb, tau tau

Wednesday 24 June 2015 16:30 (1 hour)

Presenters: MASSIRONI, Andrea (Northeastern University (US)); BECKER, Kathrin (University of Oxford (GB)); WOLF, Roger (KIT - Karlsruhe Institute of Technology (DE))

Session Classification: Open Forum / Discussion: Towards Run 2 and beyond

Contribution ID: 14

Type: **not specified**

BSM review

Wednesday 24 June 2015 11:00 (30 minutes)

Presenter: SANZ GONZALEZ, Veronica

Session Classification: Theoretical aspects

Contribution ID: 15

Type: **not specified**

Fiducial cross sections at higher orders

Tuesday 23 June 2015 16:00 (20 minutes)

Presenter: CAOLA, Fabrizio (CERN)

Session Classification: Theoretical aspects

Contribution ID: 16

Type: **not specified**

Jet-bin modelling and associated uncertainties

Wednesday 24 June 2015 10:00 (15 minutes)

Presenter: GILLBERG, Dag (CERN)

Session Classification: Theoretical aspects

Contribution ID: **18**

Type: **not specified**

Exclusive VBF at NNLO

Tuesday 23 June 2015 15:30 (20 minutes)

Presenter: DREYER, Frederic Alexandre (Centre National de la Recherche Scientifique (FR))

Session Classification: Theoretical aspects

Contribution ID: 19

Type: **not specified**

Diboson production at NNLO

Tuesday 23 June 2015 16:30 (20 minutes)

Presenter: GRAZZINI, Massimiliano (Universitaet Zuerich (CH))

Session Classification: Theoretical aspects

Contribution ID: 20

Type: **not specified**

Simplified Cross Sections

Wednesday 24 June 2015 10:20 (20 minutes)

Presenter: TACKMANN, Frank (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Theoretical aspects

Contribution ID: 21

Type: **not specified**

Pseudo-observables

Tuesday 23 June 2015 11:25 (25 minutes)

Presenter: ISIDORI, Gino (Universitaet Zuerich (CH))

Session Classification: General overview