

LoopFest IV

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Thursday, 18 August 2005 08:20 (10 minutes)

Primary author: WACKEROTH, DOREEN (SUNY Buffalo)

Presenter: WACKEROTH, DOREEN (SUNY Buffalo)

Session Classification: Plenary Session I

Contribution ID: 2

Type: **not specified**

Electroweak Precision Observables in the MSSM: New Results on Two-Loop Yukawa Corrections

Thursday, 18 August 2005 08:30 (30 minutes)

Primary author: WEIGLEIN, GEORG (Durham Univ., IPPP)

Presenter: WEIGLEIN, GEORG (Durham Univ., IPPP)

Session Classification: Plenary Session I

Contribution ID: 3

Type: **not specified**

Top threshold physics

Thursday, 18 August 2005 09:00 (30 minutes)

Primary author: HOANG, ANDRE (MPI Munich)

Presenter: HOANG, ANDRE (MPI Munich)

Session Classification: Plenary Session I

Contribution ID: 4

Type: **not specified**

Twistor-esque methods for perturbative QCD

Friday, 19 August 2005 08:30 (50 minutes)

Primary author: DIXON, LANCE (SLAC)

Presenter: DIXON, LANCE (SLAC)

Session Classification: Plenary Session V

Contribution ID: 5

Type: **not specified**

NLO-QCD calculation in GRACE

Friday, 19 August 2005 09:30 (30 minutes)

Primary author: KURIHARA, YOSHIMASA (KEK)

Presenter: KURIHARA, YOSHIMASA (KEK)

Session Classification: Plenary Session V

Contribution ID: 6

Type: **not specified**

New Results for Higgs Boson Masses and Mixings in the r/cMSSM

Thursday, 18 August 2005 14:30 (30 minutes)

Primary author: HEINEMEYER, SVEN (CERN)

Presenter: HEINEMEYER, SVEN (CERN)

Session Classification: Plenary Session III

Contribution ID: 7

Type: **not specified**

The electron energy spectrum in muon decay at $O(\alpha^2)$

Thursday, 18 August 2005 15:00 (30 minutes)

Primary author: MELNIKOV, KIRILL (Hawaii Univ.)

Presenter: MELNIKOV, KIRILL (Hawaii Univ.)

Session Classification: Plenary Session III

Contribution ID: 8

Type: **not specified**

Constraining new models with precision electroweak data

Thursday, 18 August 2005 14:00 (30 minutes)

Primary author: KRUPOVNICKAS, TADAS (BNL)

Presenter: KRUPOVNICKAS, TADAS (BNL)

Session Classification: Plenary Session III

Contribution ID: 9

Type: **not specified**

Merging Parton Showers with NLO QCD

Friday, 19 August 2005 14:00 (30 minutes)

Primary author: NAGY, ZOLTAN (Zuerich Univ.)

Presenter: NAGY, ZOLTAN (Zuerich Univ.)

Session Classification: Plenary Session VII

Contribution ID: **10**

Type: **not specified**

Semi-numerical one-loop calculations

Friday, 19 August 2005 14:30 (30 minutes)

Primary author: ZANDERIGHI, GIULIA (Fermilab)

Presenter: ZANDERIGHI, GIULIA (Fermilab)

Session Classification: Plenary Session VII

Contribution ID: 11

Type: **not specified**

K-> pi nu nubar at NNLO

Friday, 19 August 2005 15:00 (30 minutes)

Primary author: HAISCH, ULRICH (Fermilab)

Presenter: HAISCH, ULRICH (Fermilab)

Session Classification: Plenary Session VII

Contribution ID: 12

Type: **not specified**

Status of $e^+e^- \rightarrow$ jets at NNLO

Thursday, 18 August 2005 10:00 (30 minutes)

Primary author: GEHRMANN, THOMAS (Zuerich Univ.)

Presenter: GEHRMANN, THOMAS (Zuerich Univ.)

Session Classification: Plenary Session II

Contribution ID: 13

Type: **not specified**

Fully differential Higgs boson production and the di-photon signal through NNLO

Thursday, 18 August 2005 10:30 (30 minutes)

Primary author: PETRIELLO, FRANK (Johns Hopkins Univ.)

Presenter: PETRIELLO, FRANK (Johns Hopkins Univ.)

Session Classification: Plenary Session II

Contribution ID: 14

Type: **not specified**

Particle Flow Algorithms

Thursday, 18 August 2005 11:00 (50 minutes)

Primary author: REPOND, JOSE (ANL)

Presenter: REPOND, JOSE (ANL)

Session Classification: Plenary Session II

Contribution ID: 15

Type: **not specified**

Measuring the W mass: Electroweak radiative corrections

Thursday, 18 August 2005 16:00 (30 minutes)

Primary author: BAUR, ULRICH (SUNY Buffalo)

Presenter: BAUR, ULRICH (SUNY Buffalo)

Session Classification: Plenary Session IV

Contribution ID: 16

Type: **not specified**

Effective weak mixing angle at $O(\alpha^2)$

Thursday, 18 August 2005 16:30 (30 minutes)

Primary author: AWRAMIK, MALGORZATA (DESY)

Presenter: AWRAMIK, MALGORZATA (DESY)

Session Classification: Plenary Session IV

Contribution ID: 17

Type: **not specified**

Virtual Corrections to Bremsstrahlung with Applications to Luminosity Processes and Radiative Return

Thursday, 18 August 2005 17:00 (30 minutes)

Primary author: YOST, SCOTT (Baylor Univ.)

Presenter: YOST, SCOTT (Baylor Univ.)

Session Classification: Plenary Session IV

Contribution ID: **18**

Type: **not specified**

VirCol

Friday, 19 August 2005 11:00 (30 minutes)

Primary author: SKANDS, PETER (Fermilab)

Presenter: SKANDS, PETER (Fermilab)

Session Classification: Plenary Session VI

Contribution ID: 19

Type: **not specified**

Automating radiative corrections to massive Bhabha scattering

Friday, 19 August 2005 11:30 (30 minutes)

Primary author: LORCA, ALEJANDRO (DESY)

Presenter: LORCA, ALEJANDRO (DESY)

Session Classification: Plenary Session VI

Contribution ID: 20

Type: **not specified**

SMADGRAPH

Friday, 19 August 2005 10:30 (30 minutes)

Primary author: RAINWATER, DAVID (Univ. of Rochester)

Presenter: RAINWATER, DAVID (Univ. of Rochester)

Session Classification: Plenary Session VI

Contribution ID: 21

Type: **not specified**

Antenna Subtraction at NNLO

Friday, 19 August 2005 16:00 (30 minutes)

Primary author: GEHRMANN-DE RIDDER, AUDE (ETH Zuerich)

Presenter: GEHRMANN-DE RIDDER, AUDE (ETH Zuerich)

Session Classification: Plenary Session VIII

Contribution ID: 22

Type: **not specified**

Subtraction Terms at NNLO

Friday, 19 August 2005 16:30 (30 minutes)

Primary author: KILGORE, WILLIAM (BNL)

Presenter: KILGORE, WILLIAM (BNL)

Session Classification: Plenary Session VIII

Contribution ID: 23

Type: **not specified**

Organizing Higher Orders: Summary and Prospects

Friday, 19 August 2005 17:00 (30 minutes)

Primary author: STERMAN, GEORGE (SUNY Stony Brook)

Presenter: STERMAN, GEORGE (SUNY Stony Brook)

Session Classification: Plenary Session VIII