

11th FCC-ee workshop: Theory and Experiments



Report of Contributions

Contribution ID: 1

Type: **not specified**

MDI Overview

Tuesday, January 8, 2019 2:00 PM (30 minutes)

Presenter: BOSCOLO, Manuela (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Experiments

Contribution ID: 2

Type: **not specified**

Luminosity Measurement

Tuesday, January 8, 2019 2:30 PM (25 minutes)

Presenter: DAM, Mogens (University of Copenhagen (DK))

Session Classification: Experiments

Contribution ID: 3

Type: **not specified**

FCAL Collaboration

Tuesday, January 8, 2019 2:55 PM (25 minutes)

Presenter: BENHAMMOU, Yan (Tel Aviv University (IL))

Session Classification: Experiments

Contribution ID: 4

Type: **not specified**

CLD Status and Next Steps. Tracking

Tuesday, January 8, 2019 3:20 PM (30 minutes)

Presenter: LEOGRANDE, Emilia (CERN)

Session Classification: Experiments

Contribution ID: 5

Type: **not specified**

CLD Status and Next Steps. Calorimetry

Tuesday, January 8, 2019 3:50 PM (30 minutes)

Presenter: VIAZLO, Oleksandr (CERN)

Session Classification: Experiments

Contribution ID: 6

Type: **not specified**

Tracking performance with the updated geometry of the IDEA detector

Tuesday, January 8, 2019 4:50 PM (25 minutes)

Presenter: TASSIELLI, Giovanni F. (INFN Lecce / Università del Salento)

Session Classification: Experiments

Contribution ID: 7

Type: **not specified**

Expected performance of the IDEA dual-readout calorimeter

Tuesday, January 8, 2019 5:15 PM (25 minutes)

Presenters: GAUDIO, Gabriella (Dipartimento di Fisica Nucleare e Teorica); GAUDIO, Gabriella (INFN-Pavia); PEZZOTTI, Lorenzo (Universita and INFN (IT))

Session Classification: Experiments

Contribution ID: 8

Type: **not specified**

IDEA test beam results

Tuesday, January 8, 2019 5:40 PM (25 minutes)

Presenter: SANTORO, Romualdo (CERN)

Session Classification: Experiments

Contribution ID: 9

Type: **not specified**

Discussion

Tuesday, January 8, 2019 6:05 PM (55 minutes)

Session Classification: Experiments

Contribution ID: **10**

Type: **not specified**

Detector concepts, relation of LHC detector R&D to e+e- detectors

Wednesday, January 9, 2019 9:00 AM (30 minutes)

Presenter: RIEGLER, Werner (CERN)

Session Classification: Experiments

Contribution ID: 11

Type: **not specified**

Silicon development in ALICE

Wednesday, January 9, 2019 9:30 AM (30 minutes)

Presenter: MUSA, Luciano (CERN)

Session Classification: Experiments

Contribution ID: 12

Type: **not specified**

Liquid Argon Calorimetry for e+e- detectors

Wednesday, January 9, 2019 11:00 AM (30 minutes)

Presenter: ALEKSA, Martin (CERN)

Session Classification: Experiments

Contribution ID: 13

Type: **not specified**

mu3e tracker and possibilities of future progress on light weight high resolution silicon trackers

Wednesday, January 9, 2019 10:00 AM (30 minutes)

Presenter: SCHOENING, Andre (Ruprecht Karls Universitaet Heidelberg (DE))

Session Classification: Experiments

Contribution ID: 14

Type: **not specified**

CALICE

Wednesday, January 9, 2019 11:30 AM (30 minutes)

Presenter: SIMON, Frank (Max-Planck-Institut fuer Physik)

Session Classification: Experiments

Contribution ID: 15

Type: **not specified**

Magnet Technology development

Wednesday, January 9, 2019 12:00 PM (30 minutes)

Presenter: TEN KATE, Herman (CERN)

Session Classification: Experiments

Contribution ID: 16

Type: **not specified**

Strategic R&D Programme on Technologies for future Experiments

Wednesday, January 9, 2019 12:30 PM (30 minutes)

Presenter: JORAM, Christian (CERN)

Session Classification: Experiments

Contribution ID: 17

Type: **not specified**

Physics requirements: Z and WW electroweak

Wednesday, January 9, 2019 2:00 PM (25 minutes)

Presenters: AZZURRI, Paolo (S); AZZURRI, Paolo (INFN Sezione di Pisa, Università' e Scuola Normale Superiore, P); TENCHINI, Roberto (INFN Sezione di Pisa, Università' e Scuola Normale Superiore, P)

Session Classification: Experiments

Contribution ID: **18**

Type: **not specified**

Physics requirements: Higgs and top

Wednesday, January 9, 2019 4:00 PM (25 minutes)

Presenter: PETERS, Krisztian (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Experiments

Contribution ID: **19**

Type: **not specified**

Physics requirements: flavour physics

Wednesday, January 9, 2019 2:25 PM (25 minutes)

Presenter: MONTEIL, Stephane (Université Clermont Auvergne (FR))

Session Classification: Experiments

Contribution ID: 20

Type: **not specified**

New developments in silicon pixel detectors

Wednesday, January 9, 2019 4:25 PM (25 minutes)

Presenter: Prof. BORTOLETTO, Daniela (University of Oxford (GB))

Session Classification: Experiments

Contribution ID: 21

Type: **not specified**

The SiD Detector - solutions and motivations

Wednesday, January 9, 2019 4:50 PM (25 minutes)

Presenter: STANITZKI, Marcel (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Experiments

Contribution ID: 22

Type: **not specified**

Gas detector comparison and R&D

Wednesday, January 9, 2019 5:15 PM (25 minutes)

Presenter: GRANCAGNOLO, Francesco (INFN)

Session Classification: Experiments

Contribution ID: 23

Type: **not specified**

Dual Readout Calorimeter options

Wednesday, January 9, 2019 5:40 PM (25 minutes)

Presenter: FERRARI, Roberto (INFN Pavia (IT))

Session Classification: Experiments

Contribution ID: 24

Type: **not specified**

The Belle2 TOP PID detector

Wednesday, January 9, 2019 2:50 PM (20 minutes)

Presenter: Dr MUSSA, Roberto (INFN Torino)

Session Classification: Experiments

Contribution ID: 25

Type: **not specified**

Discussion

Wednesday, January 9, 2019 6:30 PM (30 minutes)

Session Classification: Experiments

Contribution ID: 26

Type: **not specified**

Welcome

Tuesday, January 8, 2019 11:15 AM (10 minutes)

Presenter: GIANOTTI, Fabiola (CERN)

Session Classification: Plenary

Contribution ID: 27

Type: **not specified**

goals of meeting and agenda

Tuesday, January 8, 2019 11:00 AM (15 minutes)

Presenter: BLONDEL, Alain (Universite de Geneve (CH))

Session Classification: Plenary

Contribution ID: 28

Type: **not specified**

The FCC project

Tuesday, January 8, 2019 11:25 AM (30 minutes)

Presenter: BENEDIKT, Michael (CERN)

Session Classification: Plenary

Contribution ID: 29

Type: **not specified**

FCC-ee design and performance

Tuesday, January 8, 2019 11:55 AM (30 minutes)

Presenter: ZIMMERMANN, Frank (CERN)

Session Classification: Plenary

Contribution ID: **30**

Type: **not specified**

Introduction to theory parallel sessions

Tuesday, January 8, 2019 12:55 PM (15 minutes)

Presenter: GLUZA, Janusz (U. Silesia)

Session Classification: Plenary

Contribution ID: **31**

Type: **not specified**

introduction to detector parallel session

Tuesday, January 8, 2019 1:10 PM (15 minutes)

Presenter: DAM, Mogens (University of Copenhagen (DK))

Session Classification: Plenary

Contribution ID: 32

Type: **not specified**

Determinatiion of the QED coupling constant at the Z scale

Tuesday, January 8, 2019 2:00 PM (30 minutes)

Presenters: JEGERLEHNER, Fred (Deutsches Elektronen-Synchrotron DESY); JEGERLEHNER, Fred; JEGERLEHNER, Fred (Unknown)

Session Classification: Theory

Contribution ID: 33

Type: **not specified**

alpha_s extractions at FCC-ee

Tuesday, January 8, 2019 2:30 PM (30 minutes)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: Theory

Contribution ID: 34

Type: **not specified**

Heavy quarkonia production at Fcc-ee

Tuesday, January 8, 2019 3:00 PM (30 minutes)

Presenter: HE, Zinguo (Hamburg U.)

Session Classification: Theory

Contribution ID: 35

Type: **not specified**

QCD with event shapes and jet rates

Tuesday, January 8, 2019 3:30 PM (30 minutes)

Presenters: GEHRMANN, Thomas (Univ. Zurich); GEHRMANN, Thomas; GEHRMANN, Thomas Kurt (Universitaet Zuerich (CH))

Session Classification: Theory

Contribution ID: 36

Type: **not specified**

SM Precision Predictions for partial Higgs Decay Widths

Tuesday, January 8, 2019 4:30 PM (30 minutes)

Presenters: SPIRA, Michael (Paul Scherrer Institut (CH)); SPIRA, Michael (Unknown)

Session Classification: Theory

Contribution ID: 37

Type: **not specified**

Theory predictions for WW production near threshold

Tuesday, January 8, 2019 5:00 PM (30 minutes)

Presenter: SCHWINN, Christian (RWTH Aachen University)

Session Classification: Theory

Contribution ID: 38

Type: **not specified**

W mass and the effective weak mixing angle

Presenters: VICINI, Alessandro (University of Milano); VICINI, Alessandro (Università degli Studi e INFN Milano (IT))

Session Classification: Theory

Contribution ID: 39

Type: **not specified**

Axion-like particles at the FCC-ee

Tuesday, January 8, 2019 6:00 PM (30 minutes)

Presenter: THAMM, Andrea (CERN)

Session Classification: Theory

Contribution ID: **40**

Type: **not specified**

discussion

Tuesday, January 8, 2019 6:30 PM (30 minutes)

Session Classification: Theory

Contribution ID: 41

Type: **not specified**

Numerical calculations for elliptic Feynman integrals

Wednesday, January 9, 2019 9:00 AM (25 minutes)

Presenter: WEINZIERL, Stefan (Universität Mainz)

Session Classification: Theory

Contribution ID: 42

Type: **not specified**

Unsubtractions at NNLO

Wednesday, January 9, 2019 9:25 AM (25 minutes)

Presenter: RODRIGO, German (IFIC CSIC-UV)

Session Classification: Theory

Contribution ID: 43

Type: **not specified**

NNLO corrections in 4 dimensions

Wednesday, January 9, 2019 9:50 AM (25 minutes)

Presenter: PITTAU, Roberto (Universidad de Granada (ES))

Session Classification: Theory

Contribution ID: 44

Type: **not specified**

Recent progress on the calculation of two-loop five-point Master Integrals

Wednesday, January 9, 2019 10:15 AM (25 minutes)

Presenter: PAPADOPOULOS, Konstantinos (Nat. Cent. for Sci. Res. Demokritos (GR))

Session Classification: Theory

Contribution ID: 45

Type: **not specified**

Analytic from Numerics: 5-Point QCD Amplitudes at Two Loops

Wednesday, January 9, 2019 11:35 AM (25 minutes)

Presenter: PAGE, Benjamin John (Universidad de Granada (ES))

Session Classification: Theory

Contribution ID: 46

Type: **not specified**

Laporta algorithm for multi-loop vs multi-scale problems

Wednesday, January 9, 2019 12:00 PM (25 minutes)

Presenter: Mr USOVITSCH, Johann (Trinity College Dublin)

Session Classification: Theory

Contribution ID: 47

Type: **not specified**

Numerical Multi-loop Calculations: Sector Decomposition & QMC Integration in pySecDec

Wednesday, January 9, 2019 12:25 PM (20 minutes)

Presenters: JONES, Stephen; JONES, Stephen (MPI, Munich)

Session Classification: Theory

Contribution ID: 48

Type: **not specified**

1-loop Feynman integrals at arbitrary space-time d

Wednesday, January 9, 2019 11:10 AM (25 minutes)

Presenter: RIEMANN, Tord (University of Silesia (PL))

Session Classification: Theory

Contribution ID: 49

Type: **not specified**

(Triple) Higgs-coupling imprints at lepton colliders

Wednesday, January 9, 2019 4:25 PM (25 minutes)

Presenter: Dr BAGLIO, Julien (University of Tübingen (DE))

Session Classification: Theory

Contribution ID: 50

Type: **not specified**

Dark Matter and Axion-like particles

Wednesday, January 9, 2019 4:50 PM (25 minutes)

Presenter: XUE, Wei (CERN)

Session Classification: Theory

Contribution ID: 51

Type: **not specified**

CoDEx - understanding BSM physics as SMEFT

Wednesday, January 9, 2019 5:45 PM (25 minutes)

Presenter: SUPRATIM DAS BAKSHI (IIT Kanpur)

Session Classification: Theory

Contribution ID: 52

Type: **not specified**

Global EFT

Wednesday, January 9, 2019 6:10 PM (25 minutes)

Presenter: YOU, Tiann Tevong (Imperial College Sci., Tech. & Med. (GB))

Session Classification: Theory

Contribution ID: 53

Type: **not specified**

SM Effective field theory fits at the FCC

Wednesday, January 9, 2019 6:35 PM (25 minutes)

Presenters: Dr DE BLAS, Jorge (University of Padova); DE BLAS, Jorge (Universita e INFN, Padova (IT)); Dr DE BLAS, Jorge (University of Padova); DE BLAS, Jorge (INFN-Padova)

Session Classification: Theory

Contribution ID: 54

Type: **not specified**

Next-to-leading power resummation

Presenter: SZAFRON, Robert (TU München)

Session Classification: Theory

Contribution ID: 55

Type: **not specified**

discussion

Wednesday, January 9, 2019 7:00 PM (30 minutes)

Session Classification: Theory

Contribution ID: 56

Type: **not specified**

Mixed QCD-QED resummation effects at higher-orders

Thursday, January 10, 2019 9:00 AM (25 minutes)

Presenter: SBORLINI, German (Università di Milano, INFN Milano and IFIC-Valencia)

Session Classification: Theory

Contribution ID: 57

Type: **not specified**

Charm, bottom and top masses

Thursday, January 10, 2019 9:25 AM (25 minutes)

Presenters: STEINHAUSER, Matthias (KIT); STEINHAUSER, Matthias (KIT)

Session Classification: Theory

Contribution ID: 58

Type: **not specified**

CoLoRFuNNLO at work: determination of α_S

Thursday, January 10, 2019 9:50 AM (25 minutes)

Presenter: KARDOS, Adam (University of Debrecen)

Session Classification: Theory

Contribution ID: 59

Type: **not specified**

FCC-ee discovery potential

Tuesday, January 8, 2019 12:25 PM (30 minutes)

Presenter: JANOT, Patrick (CERN)

Session Classification: Plenary

Contribution ID: **60**

Type: **not specified**

Top pair production and mass determination

Thursday, January 10, 2019 10:15 AM (25 minutes)

Presenter: MAIER, Andreas (DESY)

Session Classification: Theory

Contribution ID: **61**

Type: **not specified**

The shower-cut dependence of the top quark mass

Thursday, January 10, 2019 11:00 AM (25 minutes)

Presenter: SAMITZ, Daniel (University of Vienna)

Session Classification: Theory

Contribution ID: 62

Type: **not specified**

Determination of top couplings with NLO fit

Thursday, January 10, 2019 11:25 AM (25 minutes)

Presenters: VRYONIDOU, Eleni (Universite catholique de Louvain); VRYONIDOU, Eleni (Nikhef); VRYONIDOU, Eleni (University of Cambridge); VRYONIDOU, Eleni (CERN)

Session Classification: Theory

Contribution ID: 63

Type: **not specified**

One-loop electroweak radiative corrections to polarized $e^+e^- \rightarrow ZH$

Thursday, January 10, 2019 11:50 AM (25 minutes)

Presenter: DYDYSHKA, Yavor (Byelorussian State University (BY))

Session Classification: Theory

Contribution ID: 64

Type: **not specified**

Exotic Higgs decays

Thursday, January 10, 2019 12:15 PM (25 minutes)

Presenter: ZURITA, José Francisco (KIT)

Session Classification: Theory

Contribution ID: 65

Type: **not specified**

WHIZARD generator for precision e-e+ simulations

Thursday, January 10, 2019 2:20 PM (25 minutes)

Presenter: REUTER, Jürgen (DESY Hamburg, Germany)

Session Classification: Plenary

Contribution ID: 66

Type: **not specified**

KoralW and YFSWW3 - lessons from LEP2 for FCCee

Thursday, January 10, 2019 2:45 PM (25 minutes)

Presenter: SKRZYPEK, Maciej (Polish Academy of Sciences (PL))

Session Classification: Plenary

Contribution ID: 67

Type: **not specified**

tau event generators

Thursday, January 10, 2019 3:35 PM (25 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Session Classification: Plenary

Contribution ID: **68**

Type: **not specified**

tau physics at FCC-ee

Thursday, January 10, 2019 3:10 PM (25 minutes)

Presenter: DAM, Mogens (University of Copenhagen (DK))

Session Classification: Plenary

Contribution ID: **69**

Type: **not specified**

$e^+e^- \rightarrow \gamma\gamma$ at large angle for FCC-ee luminometry

Thursday, January 10, 2019 4:30 PM (25 minutes)

Presenters: Dr CARLONI CALAME, Carlo Michel (INFN - National Institute for Nuclear Physics); CARLONI CALAME, Carlo Michel; CARLONI CALAME, Carlo Michel; CARLONI CALAME, Carlo Michel (INFN, Pavia (IT))

Session Classification: Plenary

Contribution ID: 70

Type: **not specified**

The Path to 0.01% Theoretical Luminosity Precision for the FCC-ee

Thursday, January 10, 2019 4:55 PM (25 minutes)

Presenters: WARD, Bennie; WARD, Bennie (Baylor University (US))

Session Classification: Plenary

Contribution ID: 71

Type: **not specified**

Summary generators

Thursday, January 10, 2019 5:20 PM (25 minutes)

Presenter: JADACH, Staszek (Polish Academy of Sciences (PL))

Session Classification: Plenary

Contribution ID: 72

Type: **not specified**

Plans for Simulation and Reconstruction

Thursday, January 10, 2019 9:00 AM (10 minutes)

Presenter: AZZI, Patrizia (INFN Padova (IT))

Session Classification: Experiments

Contribution ID: 73

Type: **not specified**

FCC Software Framework & vision for the future

Thursday, January 10, 2019 9:10 AM (20 minutes)

Presenter: CERVANTES VILLANUEVA, Javier (CERN)

Session Classification: Experiments

Contribution ID: 74

Type: **not specified**

MDI and background studies with IDEA tracker

Thursday, January 10, 2019 9:30 AM (20 minutes)

Presenter: ALIPOUR TEHRANI, Niloufar (CERN)

Session Classification: Experiments

Contribution ID: 75

Type: **not specified**

Dual Readout Calorimeter Full Simulation Status

Thursday, January 10, 2019 10:10 AM (20 minutes)

Presenter: PEZZOTTI, Lorenzo (Universita and INFN (IT))

Session Classification: Experiments

Contribution ID: 76

Type: **not specified**

CLIC/CLD Software for simulation and event reconstruction

Thursday, January 10, 2019 11:45 AM (20 minutes)

Presenters: SAILER, Andre (CERN); PETRIC, Marko (CERN)

Session Classification: Experiments

Contribution ID: 77

Type: **not specified**

Delphes Fast Simulation status for the IDEA detector

Thursday, January 10, 2019 11:25 AM (20 minutes)

Primary author: FONTANESI, Elisa (Universita e INFN, Bologna (IT))

Presenter: FONTANESI, Elisa (Universita e INFN, Bologna (IT))

Session Classification: Experiments

Contribution ID: 78

Type: **not specified**

Tracking in the IDEA chamber

Thursday, January 10, 2019 9:50 AM (20 minutes)

Presenter: TASSIELLI, Giovanni F. (INFN Lecce / Università del Salento)

Session Classification: Experiments

Contribution ID: 79

Type: **not specified**

General Discussion and next steps

Thursday, January 10, 2019 12:05 PM (30 minutes)

Session Classification: Experiments

Contribution ID: **80**

Type: **not specified**

TORCH: a new concept for PID

Wednesday, January 9, 2019 3:10 PM (20 minutes)

Presenter: FORTY, Roger (CERN)

Session Classification: Experiments

Contribution ID: **81**

Type: **not specified**

Tile Dual Readout Calorimeter

Wednesday, January 9, 2019 6:05 PM (25 minutes)

Presenter: ONEL, Yasar (University of Iowa (US))

Session Classification: Experiments

Contribution ID: 82

Type: **not specified**

Measuring the triple higgs coupling at FCC-ee and importance of EW precision measurements

Presenter: GROJEAN, Christophe (DESY (Hamburg) and Humboldt University (Berlin))

Session Classification: Theory

Contribution ID: **83**

Type: **not specified**

Precise Higgs physics beyond SM

Wednesday, January 9, 2019 3:30 PM (30 minutes)

Presenter: HEINEMEYER, Sven (CSIC (Madrid, ES))

Session Classification: Theory

Contribution ID: **84**

Type: **not specified**

Neutrino physics

Wednesday, January 9, 2019 4:00 PM (25 minutes)

Presenters: RUIZ, Richard (University of Louvain); RUIZ, Richard (Universite Catholique de Louvain); RUIZ, Richard (Fermi National Accelerator Lab. (US))

Session Classification: Theory

Contribution ID: **85**

Type: **not specified**

Tea

Wednesday, January 9, 2019 5:15 PM (30 minutes)

Session Classification: Theory

Contribution ID: **86**

Type: **not specified**

summary of detector session: present efforts and lessons learned

Friday, January 11, 2019 10:50 AM (25 minutes)

Presenter: DAM, Mogens (University of Copenhagen (DK))

Session Classification: Plenary

Contribution ID: 87

Type: **not specified**

summary of detector session; detector technologies and CERN R&D plans

Friday, January 11, 2019 11:15 AM (25 minutes)

Presenter: RIEGLER, Werner (CERN)

Session Classification: Plenary

Contribution ID: **88**

Type: **not specified**

Discussion

Thursday, January 10, 2019 5:45 PM (30 minutes)

Session Classification: Plenary

Contribution ID: 89

Type: **not specified**

summary of discussions on detector studies and R&D at FCC-ee

Friday, January 11, 2019 11:40 AM (25 minutes)

Presenter: BEDESCHI, Franco (Universita & INFN Pisa (IT))

Session Classification: Plenary

Contribution ID: **90**

Type: **not specified**

EWPOs: Looking back and looking forward

Friday, January 11, 2019 9:00 AM (25 minutes)

Presenter: JADACH, Staszek (Polish Academy of Sciences (PL))

Session Classification: Plenary

Contribution ID: **91**

Type: **not specified**

Summary of precision QCD issues

Friday, January 11, 2019 9:25 AM (25 minutes)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: Plenary

Contribution ID: 92

Type: **not specified**

Going forward with software

Friday, January 11, 2019 12:05 PM (25 minutes)

Presenter: AZZI, Patrizia (INFN Padova (IT))

Session Classification: Plenary

Contribution ID: 93

Type: **not specified**

Going forward with theory

Friday, January 11, 2019 9:50 AM (25 minutes)

Presenter: GLUZA, Janusz (University of Silesia (PL))

Session Classification: Plenary

Contribution ID: 94

Type: **not specified**

Meeting summary and next steps

Friday, January 11, 2019 2:10 PM (25 minutes)

Presenter: BLONDEL, Alain (Universite de Geneve (CH))

Session Classification: Plenary

Contribution ID: 95

Type: **not specified**

discussion

Friday, January 11, 2019 2:35 PM (25 minutes)

Session Classification: Plenary

Contribution ID: 96

Type: **not specified**

CEPC simulations and tools

Thursday, January 10, 2019 11:00 AM (25 minutes)

Presenter: RUAN, Manqi (Chinese Academy of Sciences (CN))

Session Classification: Experiments

Contribution ID: 97

Type: **not specified**

summary of event generator requests

Thursday, January 10, 2019 2:00 PM (20 minutes)

Presenter: BLONDEL, Alain (Universite de Geneve (CH))

Session Classification: Plenary

Contribution ID: **98**

Type: **not specified**

FCC – The dream machine

Friday, January 11, 2019 1:30 PM (40 minutes)

Presenter: WULZER, Andrea (CERN)

Session Classification: Plenary

Contribution ID: 99

Type: **not specified**

Next-to-leading power resummation

Tuesday, January 8, 2019 5:30 PM (30 minutes)

Presenter: SZAFRON, Robert (TU München)

Session Classification: Theory

Contribution ID: **100**

Type: **not specified**

ee-Learning: what leptons can teach us about high-energy physics

Wednesday, January 9, 2019 2:00 PM (1 hour)

Presenter: GROJEAN, Christophe (DESY (Hamburg) and Humboldt University (Berlin))

Session Classification: Theory

Contribution ID: **101**

Type: **not specified**

Coffee

Session Classification: Theory

Contribution ID: **102**

Type: **not specified**

Coffee

Wednesday, January 9, 2019 3:00 PM (30 minutes)

Session Classification: Theory