

# 11th FCC-ee workshop: Theory and Experiments



## Report of Contributions

Contribution ID : 1

Type : **not specified**

## **MDI Overview**

*Tuesday, 8 January 2019 14:00 (30)*

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

**Session Classification** : Experiments

Contribution ID : 2

Type : **not specified**

## **Luminosity Measurement**

*Tuesday, 8 January 2019 14:30 (25)*

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

**Session Classification** : Experiments

Contribution ID : 3

Type : **not specified**

## **FCAL Collaboration**

*Tuesday, 8 January 2019 14:55 (25)*

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

**Session Classification** : Experiments

Contribution ID : 4

Type : **not specified**

## **CLD Status and Next Steps. Tracking**

*Tuesday, 8 January 2019 15:20 (30)*

**Presenter(s)** : LEOGRANDE, Emilia (CERN)

**Session Classification** : Experiments

Contribution ID : 5

Type : **not specified**

## **CLD Status and Next Steps. Calorimetry**

*Tuesday, 8 January 2019 15:50 (30)*

**Presenter(s)** : VIAZLO, Oleksandr (CERN)

**Session Classification** : Experiments

Contribution ID : 6

Type : **not specified**

## **Tracking performance with the updated geometry of the IDEA detector**

*Tuesday, 8 January 2019 16:50 (25)*

**Presenter(s)** : 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, 8 January 2019 17:15 (25)*

**Presenter(s)** : 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, 8 January 2019 17:40 (25)*

**Presenter(s)** : SANTORO, Romualdo (CERN)

**Session Classification** : Experiments

Contribution ID : 9

Type : **not specified**

## Discussion

*Tuesday, 8 January 2019 18:05 (55)*

**Session Classification :** Experiments

Contribution ID : **10**

Type : **not specified**

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

*Wednesday, 9 January 2019 09:00 (30)*

**Presenter(s)** : RIEGLER, Werner (CERN)

**Session Classification** : Experiments

Contribution ID : 11

Type : **not specified**

## **Silicon development in ALICE**

*Wednesday, 9 January 2019 09:30 (30)*

**Presenter(s)** : MUSA, Luciano (CERN)

**Session Classification** : Experiments

Contribution ID : 12

Type : **not specified**

## **Liquid Argon Calorimetry for e+e- detectors**

*Wednesday, 9 January 2019 11:00 (30)*

**Presenter(s)** : 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, 9 January 2019 10:00 (30)*

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

**Session Classification** : Experiments

Contribution ID : **14**

Type : **not specified**

## **CALICE**

*Wednesday, 9 January 2019 11:30 (30)*

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

**Session Classification** : Experiments

Contribution ID : 15

Type : **not specified**

## **Magnet Technology development**

*Wednesday, 9 January 2019 12:00 (30)*

**Presenter(s)** : TEN KATE, Herman (CERN)

**Session Classification** : Experiments



Contribution ID : 16

Type : **not specified**

## **Strategic R&D Programme on Technologies for future Experiments**

*Wednesday, 9 January 2019 12:30 (30)*

**Presenter(s)** : JORAM, Christian (CERN)

**Session Classification** : Experiments

Contribution ID : 17

Type : **not specified**

## **Physics requirements: Z and WW electroweak**

*Wednesday, 9 January 2019 14:00 (25)*

**Presenter(s)** : AZZURRI, Paolo (INFN Sezione di Pisa, Universita' e Scuola Normale Superiore, P); AZZURRI, Paolo (S); TENCHINI, Roberto (INFN Sezione di Pisa, Universita' e Scuola Normale Superiore, P)

**Session Classification** : Experiments

Contribution ID : **18**

Type : **not specified**

## **Physics requirements: Higgs and top**

*Wednesday, 9 January 2019 16:00 (25)*

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

**Session Classification** : Experiments

Contribution ID : **19**

Type : **not specified**

## **Physics requirements: flavour physics**

*Wednesday, 9 January 2019 14:25 (25)*

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

**Session Classification** : Experiments

Contribution ID : **20**

Type : **not specified**

## **New developments in silicon pixel detectors**

*Wednesday, 9 January 2019 16:25 (25)*

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

**Session Classification** : Experiments

Contribution ID : 21

Type : **not specified**

## **The SiD Detector - solutions and motivations**

*Wednesday, 9 January 2019 16:50 (25)*

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

**Session Classification** : Experiments

Contribution ID : 22

Type : **not specified**

## **Gas detector comparison and R&D**

*Wednesday, 9 January 2019 17:15 (25)*

**Presenter(s)** : GRANCAGNOLO, Francesco (INFN)

**Session Classification** : Experiments

Contribution ID : 23

Type : **not specified**

## **Dual Readout Calorimeter options**

*Wednesday, 9 January 2019 17:40 (25)*

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

**Session Classification** : Experiments



Contribution ID : 24

Type : **not specified**

## **The Belle2 TOP PID detector**

*Wednesday, 9 January 2019 14:50 (20)*

**Presenter(s)** : Dr MUSSA, Roberto (INFN Torino)

**Session Classification** : Experiments

Contribution ID : 25

Type : **not specified**

## Discussion

*Wednesday, 9 January 2019 18:30 (30)*

**Session Classification :** Experiments

Contribution ID : 26

Type : **not specified**

## Welcome

*Tuesday, 8 January 2019 10:45 (10)*

**Presenter(s)** : GIANOTTI, Fabiola (CERN)

**Session Classification** : Plenary

Contribution ID : 27

Type : **not specified**

## **goals of meeting and agenda**

*Tuesday, 8 January 2019 10:30 (15)*

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

**Session Classification** : Plenary

Contribution ID : **28**

Type : **not specified**

## **The FCC project**

*Tuesday, 8 January 2019 10:55 (30)*

**Presenter(s)** : BENEDIKT, Michael (CERN)

**Session Classification** : Plenary

Contribution ID : 29

Type : **not specified**

## **FCC-ee design and performance**

*Tuesday, 8 January 2019 11:25 (30)*

**Presenter(s)** : ZIMMERMANN, Frank (CERN)

**Session Classification** : Plenary

Contribution ID : **30**

Type : **not specified**

## **Introduction to theory parallel sessions**

*Tuesday, 8 January 2019 12:25 (15)*

**Presenter(s)** : GLUZA, Janusz (U. Silesia)

**Session Classification** : Plenary

Contribution ID : 31

Type : **not specified**

## **introduction to detector parallel session**

*Tuesday, 8 January 2019 12:40 (15)*

**Presenter(s)** : 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, 8 January 2019 14:00 (30)*

**Presenter(s)** : 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, 8 January 2019 14:30 (30)*

**Presenter(s)** : D'ENTERRIA, David (CERN)

**Session Classification** : Theory

Contribution ID : 34

Type : **not specified**

## **Heavy quarkonia production at Fcc-ee**

*Tuesday, 8 January 2019 15:00 (30)*

**Presenter(s)** : HE, Zhinguo (Hamburg U.)

**Session Classification** : Theory

Contribution ID : 35

Type : **not specified**

## **QCD with event shapes and jet rates**

*Tuesday, 8 January 2019 15:30 (30)*

**Presenter(s):** GEHRMANN, Thomas; GEHRMANN, Thomas (Univ. Zurich); GEHRMANN, Thomas Kurt (Universitaet Zuerich (CH))

**Session Classification :** Theory

Contribution ID : 36

Type : **not specified**

## **SM Precsion Predictions for partial Higgs Decay Widths**

*Tuesday, 8 January 2019 16:30 (30)*

**Presenter(s)** : 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, 8 January 2019 17:00 (30)*

**Presenter(s)** : SCHWINN, Christian (RWTH Aachen University)

**Session Classification** : Theory

Contribution ID : 38

Type : **not specified**

## **W mass and the effective weak mixing angle**

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

**Session Classification** : Theory

Contribution ID : **39**

Type : **not specified**

## **Axion-like particles at the FCC-ee**

*Tuesday, 8 January 2019 18:00 (30)*

**Presenter(s)** : THAMM, Andrea (CERN)

**Session Classification** : Theory



Contribution ID : **40**

Type : **not specified**

## **discussion**

*Tuesday, 8 January 2019 18:30 (30)*

**Session Classification :** Theory

Contribution ID : 41

Type : **not specified**

## **Numerical calculations for elliptic Feynman integrals**

*Wednesday, 9 January 2019 09:00 (25)*

**Presenter(s)** : WEINZIERL, Stefan (Universität Mainz)

**Session Classification** : Theory

Contribution ID : 42

Type : **not specified**

## Unsubtractions at NNLO

*Wednesday, 9 January 2019 09:25 (25)*

**Presenter(s)** : RODRIGO, German (IFIC CSIC-UV)

**Session Classification** : Theory

Contribution ID : 43

Type : **not specified**

## **NNLO corrections in 4 dimensions**

*Wednesday, 9 January 2019 09:50 (25)*

**Presenter(s)** : 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, 9 January 2019 10:15 (25)*

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

**Session Classification** : Theory

Contribution ID : 45

Type : **not specified**

## **Analytics from Numerics: 5-Point QCD Amplitudes at Two Loops**

*Wednesday, 9 January 2019 11:35 (25)*

**Presenter(s)** : PAGE, Ben (University of Freiburg); 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, 9 January 2019 12:00 (25)*

**Presenter(s)** : USOVITSCH, Johann; 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, 9 January 2019 12:25 (20)*

**Presenter(s)** : 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, 9 January 2019 11:10 (25)*

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

**Session Classification** : Theory

Contribution ID : 49

Type : **not specified**

## **(Triple) Higgs-coupling imprints at lepton colliders**

*Wednesday, 9 January 2019 16:25 (25)*

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

**Session Classification** : Theory

Contribution ID : 50

Type : **not specified**

## **Dark Matter and Axion-like particles**

*Wednesday, 9 January 2019 16:50 (25)*

**Presenter(s)** : XUE, Wei (CERN)

**Session Classification** : Theory

Contribution ID : 51

Type : **not specified**

## **CoDEx - understanding BSM physics as SMEFT**

*Wednesday, 9 January 2019 17:45 (25)*

**Presenter(s)** : SUPRATIM DAS BAKSHI (IIT Kanpur)

**Session Classification** : Theory

Contribution ID : 52

Type : **not specified**

## Global EFT

*Wednesday, 9 January 2019 18:10 (25)*

**Presenter(s)** : YOU, Tevong (University of Cambridge); 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, 9 January 2019 18:35 (25)*

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

**Session Classification :** Theory

Contribution ID : 54

Type : **not specified**

## **Next-to-leading power resummation**

**Presenter(s)** : SZAFRON, Robert (TU München)

**Session Classification** : Theory

Contribution ID : 55

Type : **not specified**

## **discussion**

*Wednesday, 9 January 2019 19:00 (30)*

**Session Classification :** Theory



Contribution ID : 56

Type : **not specified**

## **Mixed QCD-QED resummation effects at higher-orders**

*Thursday, 10 January 2019 09:00 (25)*

**Presenter(s)** : 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, 10 January 2019 09:25 (25)*

**Presenter(s)** : STEINHAUSER, Matthias (KIT); STEINHAUSER, Matthias (KIT)

**Session Classification** : Theory

Contribution ID : 58

Type : **not specified**

## **CoLoRFuNNLO at work: determination of $\alpha_S$**

*Thursday, 10 January 2019 09:50 (25)*

**Presenter(s)** : KARDOS, Adam (University of Debrecen)

**Session Classification** : Theory

Contribution ID : 59

Type : **not specified**

## **FCC-ee discovery potential**

*Tuesday, 8 January 2019 11:55 (30)*

**Presenter(s)** : JANOT, Patrick (CERN)

**Session Classification** : Plenary

Contribution ID : **60**

Type : **not specified**

## **Top pair production and mass determination**

*Thursday, 10 January 2019 10:15 (25)*

**Presenter(s)** : MAIER, Andreas (DESY)

**Session Classification** : Theory

Contribution ID : 61

Type : **not specified**

## **The shower-cut dependence of the top quark mass**

*Thursday, 10 January 2019 11:00 (25)*

**Presenter(s)** : SAMITZ, Daniel (University of Vienna)

**Session Classification** : Theory

Contribution ID : 62

Type : **not specified**

## **Determination of top couplings with NLO fit**

*Thursday, 10 January 2019 11:25 (25)*

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

**Session Classification** : Theory

Contribution ID : 63

Type : **not specified**

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

*Thursday, 10 January 2019 11:50 (25)*

**Presenter(s)** : DYDYSHKA, Yahor (Byelorussian State University (BY))

**Session Classification** : Theory



Contribution ID : 64

Type : **not specified**

## Exotic Higgs decays

*Thursday, 10 January 2019 12:15 (25)*

**Presenter(s)** : ZURITA, José Francisco (KIT)

**Session Classification** : Theory

Contribution ID : 65

Type : **not specified**

## **WHIZARD generator for precision e-e+ simulations**

*Thursday, 10 January 2019 14:20 (25)*

**Presenter(s)** : REUTER, Jürgen (DESY Hamburg, Germany)

**Session Classification** : Plenary

Contribution ID : 66

Type : **not specified**

## **KoralW and YFSWW3 - lessons from LEP2 for FCCee**

*Thursday, 10 January 2019 14:45 (25)*

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

**Session Classification** : Plenary

Contribution ID : 67

Type : **not specified**

## **tau event generators**

*Thursday, 10 January 2019 15:35 (25)*

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

**Session Classification** : Plenary

Contribution ID : **68**

Type : **not specified**

## **tau physics at FCC-ee**

*Thursday, 10 January 2019 15:10 (25)*

**Presenter(s)** : 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, 10 January 2019 16:30 (25)*

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

**Session Classification** : Plenary

Contribution ID : 70

Type : **not specified**

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

*Thursday, 10 January 2019 16:55 (25)*

**Presenter(s)** : WARD, Bennie; WARD, Bennie (Baylor University (US))

**Session Classification** : Plenary

Contribution ID : 71

Type : **not specified**

## Summary generators

*Thursday, 10 January 2019 17:20 (25)*

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

**Session Classification** : Plenary



Contribution ID : 72

Type : **not specified**

## **Plans for Simulation and Reconstruction**

*Thursday, 10 January 2019 09:00 (10)*

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

**Session Classification** : Experiments

Contribution ID : 73

Type : **not specified**

## **FCC Software Framework & vision for the future**

*Thursday, 10 January 2019 09:10 (20)*

**Presenter(s)** : CERVANTES VILLANUEVA, Javier (CERN)

**Session Classification** : Experiments

Contribution ID : 74

Type : **not specified**

## **MDI and background studies with IDEA tracker**

*Thursday, 10 January 2019 09:30 (20)*

**Presenter(s)** : ALIPOUR TEHRANI, Niloufar (CERN)

**Session Classification** : Experiments

Contribution ID : 75

Type : **not specified**

## Dual Readout Calorimeter Full Simulation Status

*Thursday, 10 January 2019 10:10 (20)*

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

**Session Classification** : Experiments

Contribution ID : 76

Type : **not specified**

## **CLIC/CLD Software for simulation and event reconstruction**

*Thursday, 10 January 2019 11:45 (20)*

**Presenter(s)** : SAILER, Andre (CERN); PETRIC, Marko (CERN)

**Session Classification** : Experiments

Contribution ID : 77

Type : **not specified**

## **Delphes Fast Simulation status for the IDEA detector**

*Thursday, 10 January 2019 11:25 (20)*

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

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

**Session Classification** : Experiments

Contribution ID : 78

Type : **not specified**

## Tracking in the IDEA chamber

*Thursday, 10 January 2019 09:50 (20)*

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

**Session Classification** : Experiments

Contribution ID : 79

Type : **not specified**

## **General Discussion and next steps**

*Thursday, 10 January 2019 12:05 (30)*

**Session Classification :** Experiments



Contribution ID : **80**

Type : **not specified**

## **TORCH: a new concept for PID**

*Wednesday, 9 January 2019 15:10 (20)*

**Presenter(s)** : FORTY, Roger (CERN)

**Session Classification** : Experiments

Contribution ID : **81**

Type : **not specified**

## **Tile Dual Readout Calorimeter**

*Wednesday, 9 January 2019 18:05 (25)*

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

**Session Classification** : Theory

Contribution ID : 83

Type : **not specified**

## **Precise Higgs physics beyond SM**

*Wednesday, 9 January 2019 15:30 (30)*

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

**Session Classification** : Theory

Contribution ID : 84

Type : **not specified**

## Neutrino physics

*Wednesday, 9 January 2019 16:00 (25)*

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

**Session Classification :** Theory

Contribution ID : 85

Type : **not specified**

## Tea

*Wednesday, 9 January 2019 17:15 (30)*

**Session Classification :** Theory

Contribution ID : 86

Type : **not specified**

## **summary of detector session: present efforts and lessons learned**

*Friday, 11 January 2019 10:50 (25)*

**Presenter(s)** : 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, 11 January 2019 11:15 (25)*

**Presenter(s)** : RIEGLER, Werner (CERN)

**Session Classification** : Plenary



Contribution ID : **88**

Type : **not specified**

## **Discussion**

*Thursday, 10 January 2019 17:45 (30)*

**Session Classification :** Plenary

Contribution ID : **89**

Type : **not specified**

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

*Friday, 11 January 2019 11:40 (25)*

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

**Session Classification** : Plenary

Contribution ID : **90**

Type : **not specified**

## **EWPOs: Looking back and looking forward**

*Friday, 11 January 2019 09:00 (25)*

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

**Session Classification** : Plenary

Contribution ID : 91

Type : **not specified**

## Summary of precision QCD issues

*Friday, 11 January 2019 09:25 (25)*

**Presenter(s)** : D'ENTERRIA, David (CERN)

**Session Classification** : Plenary

Contribution ID : 92

Type : **not specified**

## Going forward with software

*Friday, 11 January 2019 12:05 (25)*

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

**Session Classification** : Plenary

Contribution ID : 93

Type : **not specified**

## Going forward with theory

*Friday, 11 January 2019 09:50 (25)*

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

**Session Classification** : Plenary

Contribution ID : 94

Type : **not specified**

## **Meeting summary and next steps**

*Friday, 11 January 2019 14:10 (25)*

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

**Session Classification** : Plenary

Contribution ID : 95

Type : **not specified**

## **discussion**

*Friday, 11 January 2019 14:35 (25)*

**Session Classification :** Plenary



Contribution ID : 96

Type : **not specified**

## **CEPC simulations and tools**

*Thursday, 10 January 2019 11:00 (25)*

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

**Session Classification** : Experiments

Contribution ID : 97

Type : **not specified**

## **summary of event generator requests**

*Thursday, 10 January 2019 14:00 (20)*

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

**Session Classification** : Plenary

Contribution ID : **98**

Type : **not specified**

## **FCC – The dream machine**

*Friday, 11 January 2019 13:30 (40)*

**Presenter(s)** : WULZER, Andrea (CERN)

**Session Classification** : Plenary

Contribution ID : **99**

Type : **not specified**

## **Next-to-leading power resummation**

*Tuesday, 8 January 2019 17:30 (30)*

**Presenter(s)** : 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, 9 January 2019 14:00 (60)*

**Presenter(s)** : 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, 9 January 2019 15:00 (30)*

**Session Classification :** Theory