

Parton Radiation and Fragmentation from LHC to FCC-ee

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, November 21, 2016 9:00 AM (10 minutes)

Presenters: D'ENTERRIA, David (CERN); SKANDS, Peter (Monash University (AU))

Contribution ID: 2

Type: **not specified**

Parton Fragmentation Functions

Monday, November 21, 2016 9:10 AM (35 minutes)

Presenters: VOSSSEN, Anselm; VOSSSEN, Anselm

Contribution ID: 3

Type: **not specified**

Splitting Functions at NNLO

Monday, November 21, 2016 9:45 AM (25 minutes)

Presenter: MOCH, S. (UHH)

Contribution ID: 4

Type: **not specified**

Neural Network Fragmentation Functions

Monday, November 21, 2016 10:10 AM (25 minutes)

Presenters: BERTONE, Valerio (NIKHEF); BERTONE, Valerio

Contribution ID: 5

Type: **not specified**

Parton Showers since LEP

Monday, November 21, 2016 11:00 AM (35 minutes)

Presenters: RICHARDSON, Peter; RICHARDSON, Peter (CERN & IPPP, Durham University)

Contribution ID: 6

Type: **not specified**

Jet reconstruction algorithms in $e+e^-$

Tuesday, November 22, 2016 4:45 PM (25 minutes)

Presenter: VOS, Marcel (IFIC Valencia (ES))

Contribution ID: 7

Type: **not specified**

Jet Substructure and Small-Radius Jets

Monday, November 21, 2016 11:35 AM (25 minutes)

Presenters: DASGUPTA, Mrinal (University of Manchester (GB)); DASGUPTA, Mrinal (Unknown)

Contribution ID: 8

Type: **not specified**

Quark vs Gluon Jets

Monday, November 21, 2016 12:00 PM (25 minutes)

Presenters: SOYEZ, Gregory (CEA Saclay); SOYEZ, Gregory (IPhT, CEA Saclay)

Contribution ID: 9

Type: **not specified**

Gluon vs. quark fragmentation from LEP to FCC-ee

Monday, November 21, 2016 12:25 PM (25 minutes)

Presenters: HAMACHER, Klaus (Bergische Uni Wuppertal); HAMACHER, Klaus (Fachbereich C / Physik-Bergische Universitaet Wuppertal)

Contribution ID: **10**

Type: **not specified**

Distinguishing quark and gluon jets at the LHC

Monday, November 21, 2016 2:20 PM (25 minutes)

Presenter: RAUCO, Giorgia (Universitaet Zuerich (CH))

Contribution ID: 11

Type: **not specified**

Jet charge determination at the LHC

Monday, November 21, 2016 2:45 PM (25 minutes)

Presenter: TOKAR, Stano (Comenius University (SK))

Contribution ID: 12

Type: **not specified**

Colour Reconnections from LEP to Future Colliders

Monday, November 21, 2016 4:00 PM (35 minutes)

Presenters: SJOSTRAND, Torbjorn; SJOSTRAND, Torbjorn (Lund University (SE))

Contribution ID: 13

Type: **not specified**

Bose-Einstein and Fermi-Dirac Correlations

Monday, November 21, 2016 5:25 PM (35 minutes)

Presenter: METZGER, Wesley (Nikhef National institute for subatomic physics (NL))

Contribution ID: 14

Type: **not specified**

Colour Reconnections in PP Collisions

Monday, November 21, 2016 4:35 PM (25 minutes)

Presenter: BIERLICH, Christian (Lund University (SE))

Contribution ID: 15

Type: **not specified**

The Helix String

Tuesday, November 22, 2016 4:20 PM (25 minutes)

Presenter: TODOROVA, Sarka (Centre National de la Recherche Scientifique (FR))

Contribution ID: 16

Type: **not specified**

Challenges in heavy-quark fragmentation

Tuesday, November 22, 2016 9:00 AM (25 minutes)

Presenters: CORCELLA, Gennaro (INFN - LNF); CORCELLA, Gennaro (Unknown)

Contribution ID: 17

Type: **not specified**

Heavy Quark Fragmentation and the Dead Cone

Tuesday, November 22, 2016 9:25 AM (25 minutes)

Presenter: SELVAGGI, Michele (CERN)

Contribution ID: **18**

Type: **not specified**

$g \rightarrow b\bar{b}$ Studies at LHC

Tuesday, November 22, 2016 9:50 AM (25 minutes)

Presenter: NACHMAN, Ben (SLAC National Accelerator Laboratory (US))

Contribution ID: **19**

Type: **not specified**

Jet Broadening and Angularities from LEP to FCC-ee

Tuesday, November 22, 2016 10:40 AM (25 minutes)

Presenter: TALBERT, Jim (University of Oxford)

Contribution ID: 20

Type: **not specified**

Resummation of jet rates and event-shape distributions in e^+e^-

Tuesday, November 22, 2016 11:05 AM (25 minutes)

Presenters: MONNI, Pier Francesco (CERN); MONNI, Pier Francesco (ITP, UZH Zuerich)

Contribution ID: 21

Type: **not specified**

C Parameter at NNNLL'

Tuesday, November 22, 2016 11:30 AM (25 minutes)

Presenter: Mr MATEU BARREDA, Vicent (Autonomous University of Madrid)

Contribution ID: 22

Type: **not specified**

First Monte Carlo analysis of fragmentation functions from single-inclusive e^+e^- annihilation

Tuesday, November 22, 2016 11:55 AM (25 minutes)

Presenter: SATO, nobuo (jlab)

Contribution ID: 23

Type: **not specified**

Fragmentation Functions from Belle

Tuesday, November 22, 2016 1:50 PM (25 minutes)

Presenter: VOSSSEN, Anselm

Contribution ID: 24

Type: **not specified**

Fragmentation Functions from BaBar

Tuesday, November 22, 2016 2:15 PM (25 minutes)

Presenter: ANULLI, Fabio (Universita e INFN, Roma I (IT))

Contribution ID: 25

Type: **not specified**

The Role of Quark Spin in Hadronisation

Tuesday, November 22, 2016 3:55 PM (25 minutes)

Presenter: MATEVOSYAN, Hrayr (University of Adelaide)

Contribution ID: 26

Type: **not specified**

Fragmentation functions at NNLO and their small- z logarithmic corrections

Tuesday, November 22, 2016 2:40 PM (25 minutes)

Presenter: ANDERLE, Daniele (University of Manchester)

Contribution ID: 27

Type: **not specified**

QCD splitting-function dependence on evolution variable

Tuesday, November 22, 2016 5:35 PM (25 minutes)

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

Contribution ID: 28

Type: **not specified**

Observables sensitive to Coherence in ee Collisions

Tuesday, November 22, 2016 5:10 PM (25 minutes)

Presenter: PLÄTZER, Simon (DESY)

Contribution ID: 29

Type: **not specified**

Application of quark-gluon jet discrimination and its uncertainty

Monday, November 21, 2016 3:10 PM (25 minutes)

Presenter: SAKAKI, Yasuhito (KEK)

Contribution ID: **30**

Type: **not specified**

Fragmentation functions at low- z at NNLO*+NNLL

Tuesday, November 22, 2016 3:05 PM (25 minutes)

Co-author: PEREZ RAMOS, Redamy

Presenter: D'ENTERRIA, David (CERN)

Contribution ID: 31

Type: **not specified**

Baryon Production and Correlations from LEP to FCC-ee

Monday, November 21, 2016 5:00 PM (25 minutes)

Presenter: KLUTH, Stefan (Max-Planck-Institut für Physik (DE))