

HEN-221 QUARK DISTRIBUTIONS IN THE KAON: A STUDY OF HADRON
STRUCTURE BY LOW- p_T REACTIONS

L. Gatignon, R.C. Hwa, P.A. v.d. Poel, A. Stergiou and

R.T. Van de Walle

Maart 1982

HEN-223 INTERNE FORMATEN

Frans Rohde

13 april 1982

HEN-228 COMPARISON OF THE LUND MODEL WITH THE EVENT STRUCTURE OF

K^+K^- -INTERACTIONS AT 70 GeV/c

H. Geerlings

March 1983

HEN-229 A Study of High Transverse Energy Interactions of 300 GeV

Pions and Protons on Hydrogen using a Streamer Chamber

F. Crijns, W.J. Metzger, C. Pols and T. Spuijbroek

15 oktober 1983

HEN-235 The definition and use of the setting error in GEOHYB

F. Crijns

11-4-1984

HEN-239 NOTE ON GEOHYB MODIFICATIONS

NA22 Software note 7

P. v. Hal

Oktober 1984

HEN-240 The NA22 GEOHYB output structure

NA22 software note nr.5

F. Crijns

November 23, 1984

HEN-242 The NA22 GEOHYB output summary

NA22 Software note nr.6

F. Crijns

November 26, 1984

HEN-245 The February 1985 release

NA22 Software note nr.9

F. Crijns

Februari 15, 1985

HEN-248 The quasi-hybrid tracks in GEOHYB

NA22 Software note nr. 10

F. Crijns

30-04-1985

HEN-249 The May 1985 release and the modifications in GEOHYB

since February 1985

Software note nr.11

F. Crijns

May 13, 1985

HEN-250 I. INTRODUCTION

The latest results from the CERN collider have also produced new excitement in low p_{\perp} multihadron production. In addition, ...

HEN-250a LOW p_{\perp} -SOFT COLLISIONS IN THE LIGHT OF HARD COLLISIONS

(A Condensed Experimental Review)

W. Kittel

HEN-253 COMPARISON OF THE SHAPE OF "HERA CC EVENTS" WITH THAT OF
"BEAM GAS EVENTS"

W. Kittel and W. Metzger

June 1985

HEN-256 In this envelope you find plots which give an indication
of the efficiency of the ionization scan.

M. Eggen, P. v. Hal

HEN-257 THE EFFECT OF THE HERA BEAM PIPE ON STRUCTURE FUNCTION
AND TRANSVERSE ENERGY

W. Kittel, W. Metzger and R. Walczak

ZEUS-85-

HEN-260 MONTE CARLO EVENT SAMPLES WITHIN THE ZEUS COLLABORATION

W. Kittel and W. Metzger

ZEUS 85-

HEN-261 The December 1985 release

NA22 Software note nr. 13

F. Crijns

Dec. 18, 1985

HEN-262 CROSS SECTIONS AND CHARGED MULTIPLICITY DISTRIBUTIONS

FOR $|p| + |p|$, $K + K$ AND pp INTERACTIONS AT 250 GeV/c

NA22 Collaboration

HEN-262A CROSS SECTIONS AND CHARGED MULTIPLICITY DISTRIBUTIONS

FOR $|p| + |p|$, $K + K$ AND pp INTERACTIONS AT 250 GeV/c

NA22 Collaboration

HEN-263 MODEL 20 (LUND 6.1) OF THE CB MONTE CARLO

W. Metzger

januari 1986

HEN-264 ELECTRON SEPARATION IN THE FORWARD (PROTON) DIRECTION

W. Kittel

januari 1986

HEN-265 HANGAR en HANG produktie voor run A

F. Crijns

april 1986

HEN-266 Note on multiplicities and their rapidity dependence

F. Meijers

februari 1986

HEN-267 Update on the measurement of R in e^+e^- Annihilation for

\sqrt{s} between 7.4 and 9.4 GeV

A. König

februari 1986

HEN-268 Brief review on Jet Universality

W. Kittel

april 1986 (Les Arcs)

HEN-269 Rapidity Dependence of Multiplicities in Non-Diffractive

p^+p^- and pp Collisions at 250 GeV/c

F. Meijers

april 1986 --- OUD ---

HEN-270 The April 1986 release

NA22 Software note nr.14

F. Crijns

April 30, 1986

HEN-271 HANGAR and HANG production for run A

F. Crijns

April 30, 1986

HEN-272 Guide to Use of EHS . ML

Don Severeijns

mei 1986

HEN-273 Rapidity Dependence of Negative and All-Charged

Multiplicities in Non-Diffractive p^+p and pp

Collisions at 250 GeV/c

F. Meijers

juni 1986 --- NIEUW ---

HEN-274 COMPARISON OF SCAN RESULTS IN NA22A

Scanning efficiencies

M. Eggen

25-06-1986

HEN-275 Search for Rara $b\bar{b}$ Decay Modes

Van de Walle

augustus 1986

HEN-276 EXPERIMENTAL REVIEW OF SOFT AND SEMIHARD COLLISIONS

P.A. van Hal

augustus 1986 (Wenen)

HEN-276a referenties en footnotes

HEN-277 SUPPRESSION OF VALENCE-QUARK RECOMBINATION IN $|p|!+|s|$
FRAGMENTATION INTO $|r|!+|s|$
NA22 Collaboration
oktober 1986

HEN-278 Comparisons of Lund Monte Carlo with Crystall Ball
Data at and near the \sqrt{s}
W. Metzger

HEN-279 Maximum Particle Densities in Rapidity Space \sqrt{s}^{pp} ,
 \sqrt{s}^{K^+p} and \sqrt{s}^{pp} Collisions at 250 GeV/c
NA22 Collaboration

HEN-280 BACKGROUND FOR THE DECAY $|t| \rightarrow 3h|!+|s|$ +NEUTRALS
IN $|E$ AT 2 TeV
W. Kittel
January 1987

HEN-281 THE INCLUSIVE $|p|!+|s|/|p|!-|s|$ RATIO IN THE TARGET
FRAGMENTATION REGION OF $|p|!+|s|p$, $K|!+|s|p$ AND pp
COLLISIONS AT 250 GeV/c
Marcel Eggen
January 1987

HEN-282 MULTIPLICITY DISTRIBUTIONS FOR hh , lh and $|E$
COLLISIONS AT MULTI-TeV ENERGIES
W. Kittel

January 1987

HEN-283 Magnetic Field Calculations for the L3 Detector

Using the Program Poisson.

D.J. Schotanus

16 February 1987

HEN-284 SPACE DEPENDENCE OF THE MULTIPLICITY DISTRIBUTION

EHS/NA22 Collaboration

Maart 1987

HEN-285 BOSE-EINSTEIN CORRELATIONS IN K^+p AND p^+p

COLLISIONS AT 250 GeV/c

EHS/NA22 Collaboration

Maart 1987

HEN-286 THE MULTIPLICITY DEPENDENCE OF THE TRANSVERSE MOMENTUM

IN p^+p , K^+p and pp COLLISIONS AT 250 GeV/c

W. Kittel

Mei 1987

HEN-287 INDICATION OF AN ONSET OF HARD-LIKE EFFECTS

IN K^+p , p^+p AND pp COLLISIONS AT 250 GeV/c

EHS/NA22 Collaboration

06-05-87

HEN-288 MULTIPLICITY DISTRIBUTIONS IN PHASE SPACE DOMAINS AND

THEIR CORRELATION IN N^+p COLLISIONS AT 250 GeV/c

Marcel Merk

Juni 1987

HEN-289 BOSE-EINSTEIN CORRELATIONS IN $|p|+|p|$ AND $K|+|p$
COLLISIONS AT 250 GeV/c
EHS/NA22 Collaboration, Wroblewski
July 1987

HEN-290 CODING SCHEME FOR THE L3 MAGNETIC FIELD MEASUREMENT
SYSTEM
W. Kittel
Oktober 1987 (review Tashkent)

HEN-291 MULTIPLICITY DISTRIBUTIONS IN SEPARATED PHASE SPACE
INTERVALS OF p^+p COLLISIONS AT 250 GeV/c
EHS/NA22 Collaboration (Marcel Merk)
Sept. 1987

HEN-292 SOFT AND SEMI-HARD HADRONIC COMPARED TO e^-e^+ AND h^+h^-
COLLISIONS
W. Kittel
Invited Review Talk at the XVIIIth Int. Symp. on
Multiparticle Dynamics, Tashkent, Sept. 1987.

HEN-293 RESULTS FROM NA22
(p^+p , K^+p and pp COLLISIONS AT 250 GeV/c)
EHS-NA22 Collaboration
Presented by W. Kittel
Invited Summary Talks presented at the Shandong Workshop on
Multiparticle Production, Jinan (China), June 28-July 7, 1987.

HEN-294 COMPARISON OF THE LUND MONTE CARLO WITH CRYSTAL BALL
DATA ON ANF NEAR THE UPSILON - A NEVER ENDING STORY
W. Metzger

januari 1988

HEN-295 SEARCH FOR EXOTIC TAU DECAYS

Bart Janssen

januari 1988

HEN-296 THE INCLUSIVE $\frac{\sigma(p^+/\Lambda^-)}{\sigma(p^+)}$ RATIO IN THE PROTON

FRAGMENTATION OF $\sigma(p^+p)$, $\sigma(K^+p)$ AND $\sigma(pp)$ COLLISIONS

AT 250 GeV/c

EHS/NA22 Collaboration

januari 1988

HEN-297 UPPER LIMITS

W. Metzger

maart 1988

HEN-298 $\sigma(K^0_L)$ FROM $\sigma(K^+p)$ COLLISIONS AT 250 GeV/c

Roland Verbist

maart 1988

HEN-299 THE LEVEL 4 OF THE BGO READOUT

A.C. König, Th.A.M. Wijnen

april 1988

HEN-300 The ANAL Program (ANALNEW9) User Guide - version 1.1

T. Haupt

May 7th, 1988

HEN-301 NEUTRAL KAON PRODUCTION IN $\sigma(K^+p)$ AND $\sigma(p^+p)$

INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

May 1988

HEN-302 Some notes on DTU130

Theo Driever

April 1988

HEN-303 COMPUTING NEEDS OF THE L3 EXPERIMENT

W. Metzger

April 1988

HEN-304 STRANGE PARTICLE DECAYS IN THE DOWNSTREAM SPECTROMETER
OF EHS/NA22

L. ALbert

juli 1988

HEN-305 niet gebruikt

HEN-306 THE VME EVENT BUILDER

Dijkema, Wijnen en Klok

Augustus 1988

HEN-307 Multiparticle Production at Fixed Target and ISR Energies

($\langle p_T \rangle$, Intermittency)

W. Kittel

August 1988 (München)

HEN-307a References HEN-307

HEN-308 FORWARD-BACKWARD MULTIPLICITY CORRELATIONS IN p^+p^+

K^+p^+ and pp^+ COLLISIONS AT 250 GeV/c

NA22 Collaboration (W. Kittel)

HEN-308a FORWARD-BACKWARD MULTIPLICITY CORRELATIONS IN π^+p
 K^+p and pp COLLISIONS AT 250 GeV/c
NA22 Collaboration

HEN-309 INTERMITTENCY PATTERNS IN π^+p and K^+p COLLISIONS
AT 250 GeV/c
EHS/NA22 Collaboration (W. Kittel)
Draft 1, 31-8-88

HEN-310 MULTIPLICITY DISTRIBUTIONS AT 250 GeV/c A COMPARISON
OF FITS
P. Geraedts
Augustus 1988
nieuwe januari 1989

HEN-311 Afstudeerscriptie
E. Markhorst
augustus 1988

HEN-312 INTERMITTENCY PATTERNS in π^+p COLLISIONS at 250 GeV/c
EHS-NA22 Collaboration
presented by T. Haupt

HEN-313
Theo Driever
Augustus 1988

HEN-314 THE MAGNETIC FIELD IN THE L3 DETECTOR AND

THE SIZE OF THE DOORGAPS

H. Lubbers and D.J. Schotanus

Sept. 1988

HEN-316 SELECTED RESULTS FROM NA22 (Part II)

(p^+p , K^+p and pp COLLISIONS AT 250 GeV/c)

EHS-NA22 Collaboration

Presented by W. Kittel (Perugia Conf.)

November 1989

HEN-317 THE MICHEL PARAMETER FOR THE DECAY $t \rightarrow e\nu$

Bart Janssen

November 1988

HEN-318

HEN-319 INTERPLAY BETWEEN EXPERIMENTAL AND THEORETICAL PHYSICS

* Talk presented at the Special Symposium in the Honour of

Leon Van Hove, CERN, February 20, 1989

W. Kittel

HEN-320

HEN-321 COLLECTIVE CHARACTERISTICS OF HADRON SYSTEMS PRODUCED

IN BEAM FRAGMENTATION OF p^+p COLLISIONS at 250 GeV/c

EHS/NA22 Collaboration

HEN-322 SHORT RANGE DENSITY FLUCTUATIONS in p^+p and K^+p

INTERACTIONS at 250 GeV/c

(Rencontre de Morionds, Les Arcs)

EHS-NA22 Collaboration

presented by T. Haupt

HEN-323

HEN-324

HEN-325

HEN-326 INTERMITTENCY EFFECTS in p^+p^+ and K^+p^+ COLLISIONS AT 250 GeV/c

Nov. 1989

EHS/NA22 Collaboration

HEN-326fb LOW p_T INTERMITTENCY in p^+p^+ and K^+p^+ COLLISIONS AT 250 GeV/c

Frank Botterweck

HEN-326wk LOW p_T INTERMITTENCY in p^+p^+ and K^+p^+ COLLISIONS AT 250 GeV/c

Wolfram Kittel

HEN-327 CHARGED PARTICLE IDENTIFICATION IN K^+p^+ , p^+p^+ AND pp^+

INTERACTIONS AT 250 GeV/c

Jan. 1990

EHS/NA22 Collaboration

HEN-328 LOW p_T INTERMITTENCY in p^+p^+ and K^+p^+ COLLISIONS AT 250 GeV/c

Mei 1990

EHS/NA22 Collaboration

HEN-329 Triple Regge Analysis of Inclusive Λ Production

in K^+p^+ and p^+p^+ Interactions at 250 GeV/c

June 1990

EHS/NA22 Collaboration

HEN-330 RAPIDITY CORRELATIONS IN K^+p^+ AND p^+p^+ INTERACTIONS AT 250 GeV/c

June 1990

EHS(NA22) Collaboration

HEN-331 STUDY OF DOUBLE POMERON EXCHANGE

IN \sqrt{s} and \sqrt{s} INTERACTIONS in 250 GeV/c

June 1990

EHS(NA22) Collaboration

HEN-332 FACTORIAL CORRELATORS FROM \sqrt{s} and \sqrt{s} COLLISIONS AT 250 GeV/c

June 1990

EHS(NA22) Collaboration

HEN-333 TRANSVERSE MOMENTUM CORRELATIONS IN MESON-PROTON

AND MESON-NUCLEUS INTERACTIONS AT 250 GeV/c

June 1990

EHS(NA22) Collaboration

HEN-334 LOW p_T INTERMITTENCY in \sqrt{s} and \sqrt{s} COLLISIONS AT 250 GeV/c

September 1990

EHS/NA22 Collaboration

HEN-335 INTERMITTENCY (A Review of Experimental Results)

November 1990

W. KITTEL

HEN-336 RECENT RESULTS ON STRANGENESS (AND \bar{p}) PRODUCTION

IN HADRON-HADRON COLLISIONS

November 1990

W. KITTEL

HEN-337 INTERMITTENCY AT INTERMEDIATE ENERGIES

{Invited talks at the Second European Workshop on Hadronic Physics
with Electrons Beyond 10 GeV, Dourdan, October 8-12, 1990.)

1991

W. Kittel

HEN-338 LOW p_T INTERMITTENCY in p^+p^+ and K^+p^+ COLLISIONS AT 250 GeV/c

1991

EHS/NA22 Collaboration

HEN-339 SELECTED TOPICS ON (ULTRA-)SOFT EFFECTS

April 1991

W. Kittel

HEN-340 STUDY OF INTERNAL STRUCTURE OF MESON DIFFRACTIVE
SYSTEMS IN p^+p^+ AND K^+p^+ INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

HEN-341 * THE INFLUENCE OF THE MULTIPLICITY AND KINEMATICAL CUTS ON THE
BOSE-EINSTEIN CORRELATION IN p^+p^+ -INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

HEN-342 BOSE-EINSTEIN CORRELATIONS IN DIFFERENT
REFERENCE FRAMES OF p^+p^+ -INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

HEN-343 STATISTICAL METHODS IN DATA ANALYSIS

W. METZGER

HEN-344 π^0 and h MESON PRODUCTION in p^+p and K^+p COLLISIONS

at 250 GeV/c

EHS/NA22 Collaboration

juni 1991

HEN-345 * TWO-PARTICLE AZIMUTHAL AND RAPIDITY CORRELATIONS IN

DIFFERENT INTERVALS OF PARTICLE TRANSVERSE MOMENTUM

IN p^+p -INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

juni 1991

HEN-346 Large Scale Application of Magneto-resistors in the Magnetic

Field Measuring System of the L3 detector

A König

juli 1991

HEN-347 Computing in the L3 experiment

W. Metzger

augustus 1991

HEN-348 CORRELATIONS AND INTERMITTENCY IN NA22

Botterweck, Kittel

September 1991

HEN-349 TWO-PARTICLE CORRELATIONS IN NA22

EHS/NA22 Collaboration

Oktober 1991

HEN-350 FACTORIAL CORRELATORS AND FACTORIAL CUMULANTS IN

p^+p AND K^+p INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

HEN-351 INTERMITTENCY, THE EMPTY BIN EFFECT AND UNCERTAINTY IN FACTORIAL
MOMENTS

P. LIPA AND H.C. EGGERS

F. BOTTERWECK AND M.CHARLET

HEN 352 INCLUSIVE ρ^0 , $K^0(890)$ and $\overline{K}^0(890)$
production in peripheral K^+A1 , π^+A1
and π^+Au collisions at 250 GeV/c

HEN-353 * FACTORIAL MOMENTS, CUMULANTS AND CORRELATORS

IN π^+p AND K^+p INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

Jan. 1992

HEN-354 INTERMITTENCY AND THE INFLUENCE FROM BOSE-EINSTEIN INTERFERENCE

IN p^+p AND K^+p INTERACTIONS AT 250 GeV/c

EHS/NA22 Collaboration

Feb. 1992

HEN-355 L3 EXPERIMENT

J. Schotanus, D. Bourilkov

HEN-356 L3 Experiment

D. Bourilkov

HEN-357 Martine Charlet

HEN-358 Dimitri Bourilkov

December, 1992

HEN-359 A test of QED in $E \rightarrow gg$ at LEP

R. Rosmalen

December 1992

HEN-360 * POMERON-POMERON CROSS SECTION FROM
INCLUSIVE PRODUCTION OF A CENTRAL CLUSTER IN QUASI-ELASTIC
 p^+p AND K^+p SCATTERING AT 250 GeV/c

EHS/NA22 Collaboration

March 1993

HEN-361 * COLLECTIVE SEA-GULL EFFECT IN π^+p INTERACTIONS AT 250 GeV/c

March 1993

HEN-362 dremin-stuk, (staat bij hen/edd)

March 1993

HEN-363 * TRANSVERSE MOMENTUM COMPENSATION IN p^+p -INTERACTIONS AT 250 GeV/c

June 1993

HEN-364 DENSITY FLUCTUATIONS IN NA22

EHS/NA22 Collaboration presented by W. Kittel

August 1993

HEN-365 THE ROLE OF BUBBLE CHAMBERS IN HIGH ENERGY HADRON COLLISIONS

W. Kittel

October 1993

HEN-366 STAR INTEGRALS IN NA22

EHS-NA22 Collaboration presented by M.Charlet

November 1993

HEN-367 (ASPEN)

DENSITY CORRELATIONS AND FLUCTUATIONS

W. Kittel

October 1993

HEN-368 * GENUINE HIGHER ORDER CORRELATIONS IN π^+p and K^+p collisions

at 250 GeV/c

M. Charlet

Januari 1994

HEN-369 * ANGULAR DEPENDENCE of FACTORIAL MOMENTS in π^+/K^+p INTERACTIONS

at 250 GeV/c

EHS/NA22 Collaboration (A. Tomaradze)

Maart 1994

HEN-370 INCLUSIVE PRODUCTION OF IDENTIFIED CHARGED KAONS, PROTONS AND
ANTI-PROTONS

IN K^+p , π^+p AND pp INTERACTIONS AT 250 GeV/c

EHS/NA22 Coll.

May 1994

HEN-371 Angular Dependence of Bose-Einstein Correlations in Interactions

of $\pi^+\pi^+$ and $K^+\pi^+$ mesons with protons and nuclei at 250 GeV/c

HEN-372 BACKWARD PROTON PRODUCTION IN INTERACTIONS OF $\pi^+/K^+\pi^+$

MESONS WITH AL AND AU NUCLEI AT 250 GEV/C.

HEN-373 Diffraction dissociation of beam and target in mesons

with proton, Al and Au collision at 250 GeV/c.

EHS/NA22 Coll.

juni 1994

HEN374 Coherent interactions of ρ^+ and K^+ -mesons on

Al and Au nuclei at 250 GeV/c

EHS/NA22 Coll.

juni 1994

HEN375 Higher order Bose-Einstein correlations in $(\pi^+/K^+)p$ -collisions

at 250 GeV/c

EHS/NA22 Coll.

july 1994

* Ook Faro-stuk

HEN376 QCD Color Coherence and String Effects

Wes Metzger

August 1994

HEN377 Single spin asymmetry of vector meson production as a probe of

asymmetry of parton scattering

Jan Czyzewski

August 1994

HEN378 QCD showering and multiplicity fluctuations

W. Kittel

Oktober 1994

HEN379 Cosmic Magnetic Fields

J. Kuijpers

November 1994

HEN380 Comparison of spike production in pp and p⁺p interactions
at 205-360 GeV/c

HEN381 Density fluctuations in multiparticle production at high energies
W. Kittel

* Ook stuk voor Minsk, 1995 (basis voor Faro)

HEN382 Angular dependence of particle correlations in p⁺/K+p interactions
at 250 GeV/c
EHS/NA22
februari 1995

HEN383 Discrimination of Pions and Photons with an Artificial Neural Networks
M. Nijenhof
maart 1995

HEN384 Selection of b events by a feed-forward network based on jet
information
D. Wertz
september 1995

HEN385 Hadronic Final States and Event Shapes in e⁺e⁻ Interactions
W. Metzger
september 1995

HEN386 Multiparticle 95
W. Kittel
november 1995

HEN387 Self-affine

HEN-388 Pulsar and Lightning

AF-2 Ruben Janssen

Afstudeerscriptie november 1995

HEN389 Gluon interference Effects in \sqrt{s} Interactions

Wes Metzger

november 1995

HEN-390 Two and three-dimensional analysis of Bose-Einstein correlations in

\sqrt{s} p^+p^-/K^+p^- interactions at 250 GeV/c

HEN-391 Bunching Parameters and Multiplicity Fluctuations in Restricted

Phase Space Bins

S.V. Chekanov, W. Kittel, V.I. Kuvshinov

december 1995

HEN-392 Factorial moments and correlations in transverse momentum in

\sqrt{s} p^+p^- and K^+p^- collisions at 250 GeV/c

EHS (Jan Czyzewski)

HEN-393 Reactions with leading hadrons in meson-proton

interactions at 250 GeV/c

EHS/NA22 Collaborations

mei 1996

HEN-394 Local Multiplicity Fluctuations in Z Decay

S. Chekanov

june 1996

HEN-395 Factorial moments and correlations in transverse momentum in

$\pi^+\pi^+$ and $K^+\pi^+$ collisions at 250 GeV/c

Jan Czyzewski

June 1996

HEN-396 Restoring atmospherically distorted images with a Neural Network

AF-3 Hayo Verdijk, (afstudeerscriptie)

augustus 1996

HEN-397 A-dependence of fast particle spectra in $\pi^+\pi^+$ interactions with Al and Au targets at 250 GeV/c

interactions with Al and Au targets at 250 GeV/c

HEN-398 Multiparticle Clusters and Intermittent Fluctuations

S. Chekanov

oktober 1996

HEN-399 THE SHAPE OF THE BOSE-EINSTEIN CORRELATION FUNCTION IN

$\pi^+\pi^+$ INTERACTIONS AT 250 GeV/c AND LOCAL

MULTIPLICITY FLUCTUATIONS IN Z DECAY (Faro, 1996)

HEN-400 CORRELATIONS AND FLUCTUATIONS IN HIGH-ENERGY COLLISIONS

(Santa Fe, 1996)

HEN-401 Local multiplicity fluctuations in final-state hadrons produced

in Z decay

S. Chekanov, W. Kittel, W.J. Metzger

january 1997

HEN-402 Local multiplicity fluctuations in angular intervals and

analytical QCD predictions

S. Chekanov, W. Kittel, W.J. Metzger

januari 1997

HEN-403 L3 note 2069

S. Costantini

HEN-404 Test of QCD analytic predictions for moments of the charged particle
multiplicity distribution

D.J. Mangeol en W.J. Metzger

juli 1997

HEN-405 Estimation of hydrodynamical model parameters from the invariant
spectrum and the Bose-Einstein correlations of π^+ mesons
produced in (p^+K^+p) interactions at 250 GeV/c
EHS/NA22 Coll.

HEN-406 Self-affine scaling from non-integer phase-space partition
in p^+p and K^+p Collisions at 250 GeV/c
EHS/NA22 Coll.

Febr. 1998

HEN-407 Multiplicities fluctuations in L3 and QCD
Chekanov, Kittel, Mangeol, Metzger (Lake Louise)

HEN-408 A two-dimensional study of Bose-Einstein correlations in Z-decay
at LEP

J.A. van Dalen, S.V. Chekanov, W. Kittel, W.J. Metzger

Juni 1998

HEN-409 Oscillations in the ratio of factorial to cumulant multiplicity
moments in Z decays at LEP

D.J. Mangeol, W. Kittel, W.J. Metzger

Juni 1998

HEN-410 Measurement of Bose-Einstein Correlations for both charges and neutral pions from Z decays at LEP

M.P. Sanders, W. Kittel, W.J. Metzger

Juni 1998

HEN-411 Bose-Einstein Correlations and Color Reconnection in W-pair

Production

S. Chekanov, De Wolf, Kittel

Juni 1998

HEN-412 Multiplicity fluctuations and multiparticle correlations

W. Metzger (Vancouver)

Augustus 1998

HEN-413 ANGULAR MULTIPLICITY FLUCTUATIONS IN HADRONIC Z DECAYS AND QCD

S. CHEKANOV, W. KITTEL, W.J. METZGER (Hongarije)

HEN-414 ESTIMATION OF HYDRODYNAMICAL MODEL PARAMETERS FROM THE INVARIANT

SPECTRUM AND THE BOSE-EINSTEIN CORRELATIONS OF π^+ MESONS

PRODUCED IN $(\pi^+/K^+)p$ INTERACTIONS AT 250 GeV/c

RAFAEL HAKOBYAN (Hongarije)

HEN-415 Analysis of the charges-particle multiplicity distribution

using the ratio of cumulant to factorial moments

Dominique Mangeol (Hongarije)

HEN-416 A two-dimensional study of Bose-Einstein correlations in Z decays

at LEP

Jorn van Dalen (Hongarije)

HEN-417 Oscillation of H_q moments as NOT a test of QCD

W.J. Metzger

September 1998

HEN-418 Multiplicities, fluctuations and QCD: Interplay between soft and hard physics?

W. Kittel with S.V. Chekanov, D.J. Mangeol and W.J. Metzger(Frascati)

HEN-419 The Minimum Spanning Tree As a Two-sample Test

W.J. Metzger

January 1999

HEN-420 Interconnection effects and W^+W^- decays (a critical (p)(re)view)

W. Kittel (Moriond)

Mei 1999

HEN-421 QCD studies with the L3 detector

D. Mangeol

July 1999

HEN-422 Moments of the charged-particle multiplicity distribution in Z

decays at LEP (Tampere, Finland)

D. Mangeol, W. Kittel, W.J. Metzger)

July 1999

HEN-423 Bose-Einstein Results from L3

W.J. Metzger

Augustus 1999

HEN-424 Oscillating H_q , Event Shapes, and QCD

W.J. Metzger

Augustus 1999

HEN-425 The L3+cosmics data format

B. Petersen, C. Timmermans en Th. Wijnen

September 1999

HEN-426 L3 cosmics: Muon multiplicities & trigger rate estimate

AF-4/6? M. van den Akker

Oktober 1999

HEN-427 Minimal Spanning Tree Based Approach to W+W- Event Selection

Ljubisa Drndarski

Oktober 1999

HEN-428 Longitudinal phase space analysis

Wolfram Kittel

November 1999

HEN-429 Erraticity analysis of multiparticle production in π^+p collisions

at 250 GeV/c

NA22 Coll.

December 1999

HEN-430 Study of Bose-Einstein correlations in W-pair production at

$\sqrt{s} = 189$ GeV

J. van Dalen

1999

HEN-431 Bose-Einstein correlations in W-pair production at LEP

J.A. van Dalen

1999

HEN-432 Correlations and fluctuations in high-energy collisions

(Nijmegen 99 contr.) (staat bij nijm99/proceed/kittel)

W. Kittel

1999

HEN-433 Tuning of BE parameters in new BE algorithms for Z decay

Roy Smits

January 2000

HEN-434 Data format for the MROD

T.A.M. Wijnen

februari 2000

HEN-435 Bose-Einstein correlations in W-pair production at LEP: Results

from L3 and OPAL (Torino)

J.A. van Dalen

June 2000

HEN-436 Bose-Einstein correlations in W+W- events at LEP (Moriond)

J.A. van Dalen

March 2000

HEN-437 Power corrections and event shapes at LEP (Moriond)

M.P. Sanders

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B. Petersen

July 2000

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Thomas Hebbeker, Charles Timmermans

January 2001

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at 250 GeV/c

EHS/NA22 Coll.

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Charged Pions in Hadronic Z Decay

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AF-7 Abdelaziz Doubi

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Jolanda Habets

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C. Timmermans

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Interface

E.L.J. George

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Marijn Coolen

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AF-8 Ivo Kalkman

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G.H.A. Roelofs

Augustus 2002

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and K^+p Collisions at 250 GeV/c (was HEN-429)

M.R. Atayan et al. (EHS/NA22 Collab.)

HEN-450 Erraticity of rapidity gaps in p^+p and K^+p collisions at
250 GeV/c

M.R. Atayan et al. (EHS/NA22 Collab.)

HEN-451 Air shower simulations for NAHSA

AF-10 Susana Barros

2002/2003

HEN-452 Hijmering

AF-11

HEN-453 Search for TeV Gamma-Rays in Gamma-Ray Bursts with the L3+Cosmics

detector

AF-12 Martin v.d. Akker

Febr. 2003

HEN-454 Kosmische straling (opbouw meetstations en data-analyse)

Jeroen Potjens

Jan. 2004

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W.J. Metzger

June 2004

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deeltjeslawines in de atmosfeer

Herman Awater

April 2005

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the H8 Combined Testbeam

E. Jansen

Augustus 2005

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S.J. de Jong

december 2005

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chambers

T.A.M. Wijnen

December 2005

HEN-460 Atlantis 3D

Jeroen Broekhuizen

2006

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1.96 TeV

Folkert Koetsveld

Oktober 2006

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Harm Schoorlemmer

januari 2008

HEN-463 Stage HiSPARC

Erik Hermsen

juni 2008

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Antje Fitzner

juli 2008

HEN-465 Radio detection of cosmic rays in the Netherlands. A feasibility study.

Freddy Beens

augustus 2008

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Irene Niessen

augustus 2008

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Raoul S. de Rooij

augustus 2008

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Katharina Holland

Juli 2010

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Antje Fitzner

augustus 2010

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Jesse Cornelissen

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Margot Peters

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using the shape of the air shower front

Guus van Aar

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Kimmeley van Norel

Juni 2012

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Katharina Holland

augustus 2012

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T.A.M. Wijnen, Radboud University Nijmegen

December 2019

HEN-480 Black hole remnants from dynamical dimensional reduction?

Frank Saueressig and Amir Khosravi

March 2022

HEN-481 The GRAND digitizer

T.A.M. Wijnen, Radboud University Nijmegen

April 2022