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By G. Hohler (Karlsruhe U., ITTP) - International Conference on Physics with GeV Particle Beams, Julich, Germany, 22-25 Aug 1994

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By G. Gelmini (UCLA), E. Roulet (CERN) Submitted to Rep. Prog. Phys.

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By Nina Byers (UCLA) - Presented at International Conference on Quark Confinement and the Hadron Spectrum, Como, Italy, 20-24 Jun 1994

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By Steven B. Giddings (UC, Santa Barbara) - Lectures given at Summer School in High Energy Physics and Cosmology, Trieste, Italy, 13 Jun -

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UCSD-PTH-94-22

EXP, THEOR

STRONG CORRECTIONS TO INCLUSIVE B ---> X TAU ANTI-TAU-NEUTRINO DECAYS. Dec 1994. 30p.

By C.Glenn Boyd, F.Javier Vegas (UC, San Diego), Zachary Guralnik (Princeton U.), Martin Schmaltz (Washington U., Seattle) {Bulletin

Board: hep-ph@xxx.lanl.gov - 9412299}

</pre> Abstract_and_Paper

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UCSD-PTH-94-27

EXP, THEOR

CONSTRAINTS ON FORM-FACTORS FOR EXCLUSIVE SEMILEPTONIC HEAVY TO LIGHT MESON DECAYS. Dec 1994. 11p.

By C.Glenn Boyd, Benjamin Grinstein, Richard F. Lebed (UC, San Diego) {Bulletin Board: hep-ph@xxx.lanl.gov - 9412324}

</pre> Abstract_and_Paper

<pre>

UCSD-PTH-94-28

THEOR

CAN BARYOGENESIS OCCUR ON THE LATTICE? Sep 1994. 5p.

By Wolfgang Bock (UC, San Diego), James E. Hetrick (Arizona U.) - Talk given at Trends in Astroparticle Physics, Stockholm, Sweden, 22-25 Sep 1994 {Bulletin Board: hep-lat@ftp.scri.fsu.edu -

9412084}

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</pre><a href=/FIND/hep?fin+key+3073378+(using+abs> Abstract_and_Paper </a><pre>
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UCY-PHY-94-16 THEOR
HEAVY - LIGHT BARYONIC MASS SPLITTINGS FROM THE LATTICE. Sep
1994. 3p.
By C. Alexandrou, et al. {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412089}

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</pre><a href=/FIND/hep?fin+key+3074196+(using+abs> Abstract_and_Paper </a><pre>
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UG-DFM-33-94 THEOR
WIGNER TRANSFORMATION FOR THE DETERMINANT OF DIRAC OPERATORS.
Dec 1994. 48p.
By L.L. Salcedo (Granada U.), E. Ruiz Arriola (Granada U. and
NIKHEF, Amsterdam) {Bulletin Board: hep-th@xxx.lanl.gov -
9412140}

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</pre><a href=/FIND/hep?fin+key+3073670+(using+abs> Abstract_and_Paper </a><pre>
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UH-511-812-94 EXP, THEOR
HADRONIC DECAY PUZZLE IN CHARMONIUM PHYSICS. Nov 1994. 12p.
By S.F. Tuan (Hawaii U.) - To be published in the proceedings of
Hadron Spectroscopy Summer Colloquium (HSSC94), College Park, MD,
7-12 Aug 1994

UMDEPP-95-66 THEOR
ALTERNATIVE N=4, N=0 SUPERSTRING AND SIGMA MODELS. Dec 1994.
13p.
By Hitoshi Nishino (Howard U. and Maryland U.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412152}

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US-FT-21-94 THEOR
SOLITONS, TAU FUNCTIONS AND HAMILTONIAN REDUCTION FOR NONABELIAN
CONFORMAL AFFINE TODA THEORIES. Nov 1994. 46p.
By L.A. Ferreira, J.Louis Miramontes, Joaquin Sanchez Guillen
(Santiago de Compostela U.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412127}

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USC-94-20 THEOR
SPINON BASIS FOR HIGHER LEVEL SU(2) WZW MODELS. Dec 1994. 10p.
By Peter Bouwknegt (Southern California U.), Andreas W.W. Ludwig
(UC, Santa Barbara), Kareljan Schoutens (Princeton U.) {Bulletin
Board: hep-th@xxx.lanl.gov - 9412108}

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</pre><a href=/FIND/hep?fin+key+3070433+(using+abs> Abstract_and_Paper </a><pre>
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UT-KOMABA-94-23 THEOR
ENTROPIES OF SCALAR FIELDS ON THREE-DIMENSIONAL BLACK HOLES.

Dec 1994. 36p.

By Ikuo Ichinose, Yuji Satoh (Tokyo U., Komaba) {Bulletin Board:

hep-th@xxx.lanl.gov - 9412144}

</pre> Abstract_and_Paper

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UTHEP-94-1001

EXP, THEOR

ELECTROWEAK CORRECTIONS TO THE TOPONIUM DECAY WIDTH. Oct

1994. 8p.

By George Siopsis (Tennessee U.) {Bulletin Board:

hep-ph@xxx.lanl.gov - 9412291}

</pre> Abstract_and_Paper

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UTS-DFT-94-13

THEOR

MULTI - PARTON INTERACTIONS: FROM FEYNMAN DIAGRAMS TO A
PROBABILISTIC DESCRIPTION. Sep 1994. 9p.

By G. Calucci, D. Treleani (Trieste U., IFT and INFN, Trieste) -

Contributed to 24th International Symposium on Multiparticle
Dynamics, Salerno, Italy, 12-19 Sep 1994

UTTG-16-94

EXP, THEOR

STRONG INTERACTIONS AT LOW-ENERGIES. Dec 1994. 19p.

By Steven Weinberg (Texas U.) {Bulletin Board:

hep-ph@xxx.lanl.gov - 9412326}

</pre> Abstract_and_Paper

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UUITP-8-1994A

THEOR

ON THE STABILITY OF P-BRANE. Dec 1994. 11p.

By P. Demkin (Uppsala U.) {Bulletin Board: hep-th@xxx.lanl.gov

- 9412172}

</pre> Abstract_and_Paper

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UVA-011194

THEOR

LIE BIALGEBRA CONTRACTIONS AND QUANTUM DEFORMATIONS OF
QUASIORTHOGONAL ALGEBRAS. Dec 1994. 27p.

By A. Ballesteros (Burgos Polytechnic U.), N.A. Gromov, F.J. Herranz,

M.A. del Olmo, M. Santander (Valladolid U.) {Bulletin Board:

hep-th@xxx.lanl.gov - 9412083}

</pre> Abstract_and_Paper

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UW-PT-94-15

EXP, THEOR

PHENOMENOLOGY FROM THE LATTICE. Dec 1994. 68p.

By Stephen R. Sharpe (Washington U., Seattle) - Lectures given at
Theoretical Advanced Study Institute in Elementary Particle Physics
(TASI 94): CP Violation and the limits of the Standard Model,
Boulder, CO, 29 May - 24 Jun 1994 {Bulletin Board:

hep-ph@xxx.lanl.gov - 9412243}

</pre> Abstract_and_Paper

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UWSEA-94-06 INSTR, REVIEW
DUMAND-II (DEEP UNDERWATER MUON AND NEUTRINO DETECTOR) PROGRESS
REPORT. May 1994. 10p.
By DUMAND Collaboration (Kenneth K. Young, et al.) {Bulletin Board:
astro-ph@babbage.sissa.it - 9412060}

</pre> Abstract_and_Paper
<pre>

YCTP-P17-94 THEOR
WILSON LOOPS IN 2-D YANG-MILLS: EULER CHARACTERS AND LOOP
EQUATIONS. Oct 1994. 55p.
By Sanjaye Ramgoolam (Yale U.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412110}

</pre> Abstract_and_Paper
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ZIB-SC-94-31 THEOR
PROBING THE CONTINUUM LIMIT IN NONCOMPACT QED: NEW RESULTS ON
LARGE LATTICES. Nov 1994. 7p.
By M. Gockeler, et al. {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412064}

</pre> Abstract_and_Paper
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ZT-HEP-94-1 THEOR
RELATIVISTICALLY COVARIANT SYMMETRY IN QED. Dec 1994. 8p.
By Zhong Tang, David Finkelstein (Georgia Tech) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412136}

</pre> Abstract_and_Paper
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<title>Last Week's PPF-List</title>
<h1>PREPRINTS IN PARTICLES AND FIELDS </h1>

A list of high-energy physics preprints displayed last week in the SLAC Library. See also the current list. Preprints are arranged by institutions (as represented by report numbers). Abstracts can be viewed for papers obtained from electronic bulletin boards. With an X browser, such as MidasWWW or Xmosaic, you may also be able to view complete postscript versions of such papers. See further information at the end of this file. Send comments, questions, or corrections to hep@slacvm.slac.stanford.edu

<pre>

December 16, 1994

94-50

ACT-16-94

EXP, THEOR

A NEW SUSY BREAKING SCHEME AND THE DERIVATION OF $M(GUT) = 10^{16}$ GEV FROM A STRING MODEL. Dec 1994. 9p.

By Ru-lin Xiu (HARC, Woodlands) {Bulletin Board:

hep-ph@xxx.lanl.gov - 9412262}

</pre> Abstract_and_Paper

<pre>

ADP-94-17-M-24

THEOR

CHARGED DILATON BLACK HOLES WITH A COSMOLOGICAL CONSTANT. Dec 1994. 12p.

By S.J. Poletti (Adelaide U.), J. Twamley (Adelaide U. and Queensland U.), D.L. Wiltshire (Adelaide U.) {Bulletin Board:

hep-th@xxx.lanl.gov - 9412076}

</pre> Abstract_and_Paper

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ALBERTA-THY-37-94

THEOR

FINITE PARTICLE CREATION IN (3+1) DE SITTER SPACE. Dec 1994. 13p.

By D.J. Lamb, A.Z. Capri, M. Kobayashi (Alberta U.) {Bulletin Board:

hep-th@xxx.lanl.gov - 9412041}

</pre> Abstract_and_Paper

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ALBERTA-THY-40-94

THEOR

COSMOLOGICAL INFLATION, MICROWAVE BACKGROUND ANISOTROPIES AND LARGE SCALE STRUCTURE OF THE UNIVERSE. Sep 1994. 35p.

By D.S. Salopek (Alberta U.) - Contributed to International School of Astrophysics (D. Chalonge): 3rd Course: Current Topics in Astrofundamental Physics, Erice, Italy, 4-16 Sep 1994 {Bulletin Board:

astro-ph@babbage.sissa.it - 9412012}

</pre> Abstract_and_Paper

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ALBERTA-THY-41-94

EXP, THEOR

FERMI BALL DETECTION. Dec 1994. 7p.

By Alick L. Macpherson, James L. Pinfold (Alberta U.) {Bulletin Board: hep-ph@xxx.lanl.gov - 9412264}

</pre> Abstract_and_Paper
<pre>

ANL-HEP-CP-94-91 EXP, THEOR
DECAYS RATES FOR S WAVE AND P WAVE BOTTOMONIUM. Sep 1994. 3p.
By G.T. Bodwin, S. Kim, D.K. Sinclair (Argonne) - Talk given at
LATTICE 94: 12th International Symposium on Lattice Field Theory,
Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412011}

</pre> Abstract_and_Paper
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ANL-HEP-CP-94-92 THEOR
LATTICE QCD CALCULATION USING VPP500. n.d. 3p.
By Seyong Kim (Argonne), Shigemi Ohta (Wako, RIKEN)

ANL-HEP-PR-94-77 EXP, THEOR
USING SPIN TO PROBE HADRONIC STRUCTURES. Dec 1994. 22p.
By Gordon P. Ramsey (Loyola U., Chicago and Argonne)

AS-ITP-94-38A THEOR
A NOTE ON INTRINSIC REGULARIZATION METHOD. Nov 1994. 15p.
By Han-Ying Guo (Bonn, Max Planck Inst. and Beijing, Inst. Theor.
Phys.), Yu Cai, Hong-Bo Teng (Beijing, Inst. Theor. Phys.) {Bulletin
Board: hep-th@xxx.lanl.gov - 9412034}

</pre> Abstract_and_Paper
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ASTROPH-9412024 THEOR
CONSTRAINTS ON THE POWER SPECTRUM OF MASS FLUCTUATIONS FROM
GALAXY CLUSTER PECULIAR VELOCITIES. Sep 1994. 6p.
By Rupert Croft, George Efstathiou (Oxford U.) - Potsdam Cosmology
Workshop, Potsdam, Germany, Sep 18-22, 1994 {Bulletin Board:
astro-ph@babbage.sissa.it - 9412024}

</pre> Abstract_and_Paper
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ASTROPH-9412028 INSTR
OPTICAL PROPERTIES OF THE SOUTH POLE ICE AT DEPTHS BETWEEN
0.8-KM AND 1-KM. Dec 1994. 16p.
By AMANDA Collaboration (P. Askebjerg, et al.) {Bulletin Board:
astro-ph@babbage.sissa.it - 9412028}

</pre> Abstract_and_Paper
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ASTROPH-9412035 THEOR
PRIMORDIAL DEUTERIUM ABUNDANCE AND COSMIC BARYON DENSITY. Dec
1994. 8p.
By Craig J. Hogan (Washington U., Seattle) {Bulletin Board:
astro-ph@babbage.sissa.it - 9412035}

</pre> Abstract_and_Paper
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ASTROPH-9412037 THEOR

HYDRODYNAMIC SIMULATIONS OF GALAXY FORMATION. Dec 1994. 4p.
By Anne A. Thoul (Princeton, Inst. Advanced Study) {Bulletin Board:
astro-ph@babbage.sissa.it - 9412037}
</pre> Abstract_and_Paper
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ASTROPH-9412038 THEOR
**ULTRALOW FREQUENCY GRAVITATIONAL RADIATION FROM MASSIVE BLACK
HOLE BINARIES.** Dec 1994. 15p.
By Mohan Rajagopal, Roger W. Romani (Stanford U., Phys. Dept.)
{Bulletin Board: **astro-ph@babbage.sissa.it - 9412038}**
</pre> Abstract_and_Paper
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AZPH-EXP-94-04 EXP, THEOR
W - JET RAPIDITY CORRELATIONS IN P ANTI-P COLLISIONS AT S(1/2)
= 1.8-TEV*.** Sep 1994. 8p.
By D0 Collaboration (G.E. Forden, et al.) {Bulletin Board:
hep-ex@xxx.lanl.gov - 9412002}
</pre> Abstract_and_Paper
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BNL-60327 EXP, THEOR
**COMPARISON OF EXPERIMENTAL DATA TO THE RELATIVISTIC QUANTUM
MOLECULAR DYNAMICS MODEL FOR SI + AU COLLISIONS AT 14.6-A/GEV/C.**
Dec 1994. 24p.
By M. Gonin, Ole Hansen, B. Moskowitz, F. Videbaek (Brookhaven), H.
Sorge (Los Alamos), R. Mattiello (Frankfurt U., ITP) {Bulletin Board:
nucl-th@xxx.lanl.gov - 9412009}
</pre> Abstract_and_Paper
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BONN-TH-94-29 THEOR
SCALING BEHAVIOR IN STRING THEORY. Dec 1994. 9p.
By R. Schimmrigk (Bonn U.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412077}
</pre> Abstract_and_Paper
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BR-HEP-94-1 INSTR
SECOND LEVEL TRIGGER FOR THE SDC SILICON TRACKING DETECTOR.
May 1994. 14p.
By B. Foster, N. Dyce, S. George, G.P. Heath, H.F. Heath, A.
Fox-Murphy, R. Nickerson (Bristol U., Wills Lab) - Invited talk at
6th Pisa Meeting on Advanced Detector: Frontier Detectors for
Frontier Physics, La Biodola, Elba, Italy, 22-28 May 1994

BR-HEP-94-2 INSTR
ELECTRONICS OF THE ZEUS CENTRAL TRACKING DETECTOR. May 1994.
11p.
By A. Cassidy, et al.

BR-HEP-94-3 INSTR
AVALANCHE PHOTODIODES (APD) AS PROPORTIONAL DEVICES. Jun
1994. 4p.

By R.S. Gilmore, A.R. Duell, T.J. Llewellyn, R.J. Tapper, S. Nash, K. Xyloparkiotis (Bristol U., Wills Lab) - Presented at International Conference on Applications of Photonic Technology (ICAPT 94), Toronto, Canada, 21-23 Jun 1994

BR-HEP-94-4

INSTR

OPTIMIZATION OF THE PULSE ARRIVAL TIME DETERMINATION IN THE ZEUS CENTRAL TRACKING DETECTOR FADC SYSTEM. n.d. 8p.

By D.G. Cussans, H.F. Heath (Bristol U., Wills Lab)

BROWN-HET-977

EXP, THEOR

PARTICLE PHYSICS MODELS, TOPOLOGICAL DEFECTS AND ELECTROWEAK BARYOGENESIS. Dec 1994. 12p.

By Mark Trodden (Newton Inst. Math. Sci., Cambridge and Brown U.), Anne-Christine Davis (Newton Inst. Math. Sci., Cambridge and Cambridge U., DAMTP), Robert Brandenberger (Newton Inst. Math. Sci., Cambridge and Brown U.) {Bulletin Board:

hep-ph@xxx.lanl.gov - **9412266}**

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BUDKERINP-94-98

EXP, THEOR

IS LARGE WEAK MIXING IN HEAVY NUCLEI CONSISTENT WITH ATOMIC EXPERIMENTS? Dec 1994. 3p.

By V.F. Dmitriev, I.B. Khriplovich, V.B. Telitsin (Novosibirsk, IYF) {Bulletin Board: **nucl-th@xxx.lanl.gov - **9412014**}**

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BUHEP-94-34

EXP, THEOR

NUMERICAL STUDIES OF INSTANTON INDUCED BARYON DECAY. Dec 1994. 5p.

By Claudio Rebbi, Robert Singleton, Jr. (Boston U.) - Contributed to LATTICE 94: 12th International Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:

hep-ph@xxx.lanl.gov - **9412241}**

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BUTP-94-14

THEOR

RG FLOW IN 2-D FIELD THEORY COUPLED TO GRAVITY. Aug 1994. 6p.

By C. Schmidhuber (Bern U.) - Talk given at 28th International Symposium on Particle Theory, Wendisch-Rietz, Germany, 30 Aug - 3 Sep 1994 {Bulletin Board: **hep-th@xxx.lanl.gov - **9412051**}**

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CALT-68-1964

EXP, THEOR

FROM TETRAQUARK TO HEXAQUARK: A SYSTEMATIC STUDY OF HEAVY EXOTICS IN THE LARGE N(C) LIMIT. Dec 1994. 14p.

By Chi-Keung Chow (Cal Tech) {Bulletin Board:

hep-ph@xxx.lanl.gov - **9412242}**

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CEBAF-TH-94-08 EXP, THEOR
HEAVY MESONS IN A RELATIVISTIC MODEL. Dec 1994. 34p.
By J. Zeng, J.W. Van Orden, W. Roberts (Old Dominion U. and CEBAF)
{Bulletin Board: hep-ph@xxx.lanl.gov - 9412269}
</pre> Abstract_and_Paper
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CEBAF-TH-94-23 THEOR
MASSLESS FERMIONS ON THE LATTICE. Dec 1994. 16p.
By V.M. Belyaev (CEBAF) {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412033}
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CERN-PPE-94-144 EXP, THEOR, REVIEW
LIFETIMES OF HEAVY FLAVOR PARTICLES. Sep 1994. 23p.
By Roger Forty (CERN) - Invited talk at 14th International Conference
on Physics in Collision (PHYSCOLL94), Tallahassee, FL, 15-17 Jun 1994

CERN-PPE-94-146 EXP
EXCLUSIVE RHO0 AND PHI MUOPRODUCTION AT LARGE Q**2. Sep 1994.
45p.
By New Muon Collaboration (M. Arneodo, et al.)

CERN-PPE-94-155 EXP, THEOR
SCALING VIOLATION AND FRAGMENTATION FUNCTIONS IN E+ E-
ANNIHILATION. Aug 1994. 17p.
By Hermann Furstenau (CERN) - Invited talk at Tennessee International
Symposium on Radiative Corrections: Status and Outlook, Gatlinburg,
TN, 27 Jun - 1 Jul 1994

CERN-PPE-94-157 EXP
STUDY OF THE F0 (995) RESONANCE IN THE PI0 PI0 DECAY CHANNEL.
Sep 1994. 10p.
By GAMS Collaboration (D. Alde, et al.)

CERN-PPE-94-158 EXP
PARTIAL WAVE ANALYSIS OF THE OMEGA PI0 SYSTEM AT HIGH MASSES.
Sep 1994. 10p.
By GAMS Collaboration (D. Alde, et al.)

CERN-PPE-94-159 EXP, THEOR, REVIEW
GLASGOW CONFERENCE SUMMARY. Oct 1994. 14p.
By P. Darriulat (CERN) - Invited talk at 27th International
Conference on High Energy Physics (ICHEP), Glasgow, Scotland, 20-27
Jul 1994

CERN-PPE-94-160 INSTR, EXP
MEASUREMENT OF THE PROTON - ANTI-PROTON TOTAL CROSS-SECTION AT
THE S ANTI-P P S COLLIDER BY A LUMINOSITY DEPENDENT METHOD. Oct
1994. 5p.
By UA4/2 Collaboration (C. Augier, et al.)

CERN-PPE-94-171 EXP
A TEST OF CP INVARIANCE IN Z0 ---> TAU+ TAU- USING OPTIMAL
OBSERVABLES. Nov 1994. 24p.
By OPAL Collaboration (R. Akers, et al.)

CERN-TH-7252-94 EXP, THEOR
DO THE PRESENT ELECTROWEAK PRECISION MEASUREMENTS LEAVE ROOM FOR
EXTRA GENERATIONS? May 1994. 5p.
By V.A. Novikov (Guelph U.), L.B. Okun, A.N. Rozanov (CERN), M.I.
Vysotskii, V.P. Yurov (Moscow, ITEP)

CERN-TH-7378-94 THEOR
DISCRETE GRAVITY IN ONE-DIMENSION. Aug 1994. 23p.
By Herbert W. Hamber, Ruth M. Williams (CERN) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412089}
</pre> Abstract_and_Paper
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CERN-TH-7460-94 THEOR
VACUA, VACUUM: THE PHYSICS OF NOTHING. Oct 1994. 8p.
By L.B. Okun (CERN and Moscow, ITEP) - Presented at International
Conference on the History of Original Ideas and Basic Discoveries in
Particle Physics, Erice, Italy, 29 Jul - 4 Aug 1994

CERN-TH-7466-94 THEOR
SPATIAL GEOMETRY AND THE WU-YANG AMBIGUITY. May 1994. 7p.
By Daniel Z. Freedman, Ramzi R. Khuri (CERN) - Presented at PASCOS-94
Meeting, Syracuse, NY, May 19-23, 1994 and at Gurse Memorial
Conference I: On Strings and Symmetries, Istanbul, Turkey, 6-10 Jun
1994

CERN-TH-7487-94 EXP, THEOR
SCALE SETTING IN QCD AND THE MOMENTUM FLOW IN FEYNMAN DIAGRAMS.
Dec 1994. 36p.
By Matthias Neubert (CERN) {Bulletin Board:
hep-ph@xxx.lanl.gov - 9412265}
</pre> Abstract_and_Paper
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CERN-TH-7488-94 THEOR
SCALE FACTOR DUALITY: A QUANTUM COSMOLOGICAL APPROACH. Nov
1994. 9p.
By M.C. Bento (CERN), O. Bertolami (INFN, Turin) {Bulletin Board:
gr-qc@xxx.lanl.gov - 9412002}
</pre> Abstract_and_Paper
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CERN-TH-7509-94 EXP, THEOR
R PARITY VIOLATING SUSY OR LEPTOQUARKS: VIRTUAL EFFECTS IN
DILEPTON PRODUCTION. Nov 1994. 14p.
By Gautam Bhattacharyya, Debajyoti Choudhury, K. Sridhar (CERN)
{Bulletin Board: hep-ph@xxx.lanl.gov - 9412259}
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CERN-TH-7516-94 THEOR
ON THE SPACE-TIME GEOMETRY OF QUANTUM SYSTEMS. Nov 1994. 14p.
By Dirk Graudenz (CERN) {Bulletin Board: gr-qc@xxx.lanl.gov -
9412013}
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By Xu Wang, Jorge L. Lopez (Texas A-M and HARC, Woodlands), D.V.
Nanopoulos (Texas A-M and HARC, Woodlands and CERN) {Bulletin Board:
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By Abhay Ashtekar (Penn State U.), Jerzy Lewandowski (Warsaw U.,
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9412073}

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CLNS-94-1308

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By M. Alford, W. Dimm, G.P. Lepage (Cornell U., LNS), G. Hockney,
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By David E. Jaffe (Florida State U., SCRI), Francois Le Diberder,
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By Robert G. Edwards, Khalil M. Bitar, Urs M. Heller, A.D. Kennedy
(Florida State U., SCRI) - Presented at LATTICE 94: 12th
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By A. Pich (Valencia U.) - Lectures given at 22nd International
Meeting on Fundamental Physics: The Standard Model and Beyond, Jaca,
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QCD PREDICTIONS FOR THE TAU HADRONIC WIDTH: DETERMINATION OF
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By A. Pich (Valencia U.) - Talk given at High Energy Physics: QCD
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By Yuri Kubyshin, Enrique Moreno (Barcelona U.), Jose Ignacio Perez
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 By A. Ali Khan (Glasgow U.), S. Collins (Florida State U., SCRI),
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 THE STRING MODEL FOR ULTRARELATIVISTIC NUCLEAR SCATTERING.
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 By K. Werner (Heidelberg U., ITP) - Invited talk at International

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be published in the proceedings of LATTICE 94: 12th International
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1994 {Bulletin Board: hep-lat@ftp.scri.fsu.edu -
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ELECTROWEAK THEORY AT Z0 AND ABOVE. Jul 1994. 10p.
By M. Vysotskii (Moscow, ITEP) - Talk given at 27th International
Conference on High Energy Physics (ICHEP), Glasgow, Scotland, 20-27
Jul 1994 {Bulletin Board: hep-ph@xxx.lanl.gov - 9412258}

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By Michael A.I. Flohr (Madrid, IFF) {Bulletin Board:
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By Galin Georgiev (Rutgers U.) {Bulletin Board:
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HEPTH-9412056

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ON QUANTUM GROUP SL-Q(2). Dec 1994. 19p.
By Joseph Bernstein (Tel Aviv U.), Tanya Khovanova (MIT, LNS)
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ON O(N)-SYMMETRIC GAUGED $\Phi(6)_2+1$ THEORY WITH CHERN-SIMONS
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By S.H. Park (Taejon, Electronics Telecommunications Res. Inst.)
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By P. Podles (UC, Berkeley, Math. Dept.), S.L. Woronowicz (Warsaw,
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HEPTH-9412064

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HEPTH-9412071

THEOR

SOME RESULTS ON (0,2) Z(N) ORBIFOLD THEORIES WITH CONTINUOUS
WILSON LINES. Dec 1994. 4p.
By Gabriel Lopes Cardoso, Dieter Lust (Humboldt U., Berlin), Thomas
Mohaupt (DESY-IfH, Zeuthen) - Talk given at Joint U.S.-Polish
Workshop on Physics from Planck Scale to Electro-Weak Scale (SUSY
94), Warsaw, Poland, 21-24 Sep 1994 {Bulletin Board:
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HEPTH-9412088

THEOR

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By M. De Francia, H. Falomir (La Plata U.), M. Loewe (Chile U.,
Catolica), E.M. Santangelo (La Plata U.) {Bulletin Board:
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HEPTH-9412094

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REPORT. Sep 1994. 4p.
By Meinulf Gockeler (Aachen, Tech. Hochsch., ITP and HLRZ, Julich),
Hans A. Kastrup (Aachen, Tech. Hochsch., ITP), Jorg Viola, Jorg
Westphalen (Aachen, Tech. Hochsch., ITP and HLRZ, Julich) - Talk
given at LATTICE 94: 12th International Symposium on Lattice Field
Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
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HU-BERLIN-IEP-94-28

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By G. Cella (INFN, Pisa and Pisa U.), V.K. Mitryushkin (Humboldt U., Berlin), A. Vicere (INFN, Pisa and Pisa U.) - Talk given at LATTICE 94: 12th International Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:

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HU-BERLIN-IEP-94-29

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By G.S. Bali (Wuppertal U.), V. Bornyakov (Serpukhov, IFVE), M. Muller-Preussker (Humboldt U., Berlin), F. Pahl (Freie U., Berlin) - Talk given at LATTICE 94: 12th International Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:

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HU-TFT-94-48

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SYSTEMATICS OF THE LIGHT AND STRANGE BARYONS AND THE SYMMETRIES OF QCD. Dec 1994. 10p.

By L.Ya. Glozman (Helsinki U. and Alma Ata, Inst. Power Eng.), D.O. Riska (Helsinki U.) Submitted to Phys. Rev. Lett. {Bulletin Board:

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HU-TFT-94-49

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By A.M. Green, J. Lukkarinen, P. Pennanen (Helsinki U.), C. Michael, (Liverpool U.), S. Furui (Teikyo U.) - Talk given at LATTICE 94: 12th International Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:

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HUB-IEP-94-33

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By Ingo Gaida, Dieter Lust (Humboldt U., Berlin) {Bulletin Board:

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By Frank C. van den Bosch (Leiden, Astronomical Inst.), Roeland P. van der Marel (Princeton, Inst. Advanced Study and Leiden, Astronomical Inst.) Submitted to Mon.Not.Roy.Astron.Soc.

IASSNS-AST-94-59 EXP, THEOR
ANOTHER FLATTENED DARK HALO: POLAR RING GALAXY A0136-0801.
Dec 1994. 4p.
By Penny D. Sackett (Princeton, Inst. Advanced Study), Richard W.
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SCALAR GLUEBALL DECAY. Sep 1994. 3p.
By J. Sexton, A. Vaccarino, D. Weingarten (IBM Watson Res. Ctr.) -
Talk given at LATTICE 94: 12th International Symposium on Lattice
Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
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By RD20 Collaboration (K. Gill, et al.)

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By Diamond Detector Collaboration (John Hassard, et al.)

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By G. Hall (Imperial Coll., London) Submitted to Q.Rev. Biophys.

IFT-13-94 EXP, THEOR
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GRAVITY IN (2+1)-DIMENSIONS. Sep 1994. 30p.

By Pietro Menotti (Pisa U. and INFN, Pisa) - Lectures given at 11th Italian Congress of General Relativity and Gravitation, Trieste, Italy, 26-30 Sep 1994 {Bulletin Board: **gr-qc**@xxx.lanl.gov -

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IHES-P-94-56

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GENERAL RELATIVITY AND EXPERIMENT. Oct 1994. 13p.

By Thibault Damour (IHES, Bures and Meudon Observatory) - Talk given at 11th International Conference on Mathematical Physics (ICMP-11) (Satellite colloquia: 25-28 Jul), Paris, France, 18-23 Jul 1994

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IISC-CTS-7-94

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ILL-TH-94-24

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GAUGE THEORY IN D = (2+1) AT HIGH TEMPERATURE: Z(N) INTERFACE.

Sep 1994. 3p.

By C. Korthals Altes (Marseille, CPT), A. Michels (Oxford U.), M. Stephanov (Illinois U., Urbana), M. Teper (Oxford U.) - Contributed to Lattice 94 Conf., Bielefeld, Germany, Sep 27 - Oct 1, 1994

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ILL-TH-94-26A

THEOR

ON STRONGLY COUPLE QUENCHED QED IN FOUR-DIMENSIONS, AGAIN:

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By M.P. Lombardo (HLRZ, Julich), A. Kocic, J.B. Kogut (Illinois U.,
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Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct 1994
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QUENCHED QCD AT FINITE DENSITY: $G = 1$ AND $G = \infty$. Dec
1994. 3p.
By J.B. Kogut (Illinois U., Urbana), M.P. Lombardo (HLRZ, Julich),
D.K. Sinclair (Argonne) - Contributed to LATTICE 94: 12th
International Symposium on Lattice Field Theory, Bielefeld, Germany,
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By Xavier A. Siemens (Imperial Coll., London), T.W.B. Kibble
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IP-ASTP-17-94 THEOR
LIGHT FRONT DYNAMICS AND LIGHT FRONT QCD. May 1994. 117p.
By Wei-Min Zhang (Taiwan, Inst. Phys.) - Lectures given at 2nd
Workshop on Particle Physics Phenomenology, Kenting, Taiwan, 19-21
May 1994 Submitted to Chinese J.Phys. {Bulletin Board:
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IPS-94-25 THEOR

**ACCURATE HADRON SPECTROSCOPY ON BLOCKED CONFIGURATIONS BY
TADPOLE RENORMALIZED, CLOVER IMPROVED WILSON QUARK ACTION.** Sep
1994. 3p.

By Artan Borici, Philippe de Forcrand (Zurich, ETH) - Contributed to
LATTICE 94: 12th International Symposium on Lattice Field Theory,
Bielefeld, Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
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**</pre> Abstract_and_Paper
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By J. Smit, W.H. Tang (Amsterdam U.) - Talk given at LATTICE 94: 12th
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9412016}**

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By Hungchong Kim (Indiana U.), J. Piekarewicz (Florida State U.,
SCRI), C.J. Horowitz (Indiana U.) Submitted to Phys. Rev. C {Bulletin
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By C.W. Kim (Johns Hopkins U. and Florence U. and INFN, Florence), A.
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PRINT-94-0247 (KAISERSLAUTERN) THEOR
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THEORIES WITHOUT GAUGE FIELDS.** Jun 1994. 8p.
By H.J.W. Muller-Kirsten, Jian-zu Zhang (Kaiserslautern U.) -
Presented at Conference on Geometry of Constrained Systems,
Cambridge, England, 15-18 Jun 1994

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1994. 3p.
By Shinji Ejiri, Shun-ichi Kitahara (Kanazawa U.), Yoshimi Matsubara,
(Nanao Jr. Coll.), Tsuneo Suzuki (Kanazawa U.) - Talk given at
LATTICE 94: 12th International Symposium on Lattice Field Theory,
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**ROLE OF MESON-MESON CORRELATION EFFECTS IN THE ANTI-N N $\rightarrow$ RHO
PI ANNIHILATION PROCESS.** Dec 1994. 12p.
By V. Mull, G. Janssen, J. Speth (Julich, Forschungszentrum), K.
Holinde (Valencia U. and Julich, Forschungszentrum) {Bulletin Board:
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FIELD THEORY IN THE MILNE UNIVERSE. Dec 1994. 18p.
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By Michael Martin Nieto, T. Goldman (Los Alamos), John D. Anderson,
Eunice L. Lau (Cal Tech, JPL), J. Perez-Mercader (Madrid, LAEFF) -
Contributed to 3rd Biennial Conference on Low-Energy Antiproton
Physics (LEAP 94), Bled, Slovenia, 12-17 Sep 1994 {Bulletin Board:
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LAPP-EXP-94-18

INSTR

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By B. Pietrzyk (Annecy, LAPP) - Invited talk at Tennessee

International Symposium on Radiative Corrections: Status and Outlook,
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LAPP-EXP-94-19

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CURRENT ISSUES IN PERTURBATIVE QCD. Dec 1994. 28p.
By Ian Hinchliffe (LBL, Berkeley) - Talk given at 1994 Meeting of the
American Physical Society, Division of Particles and Fields (DPF 94),
Albuquerque, NM, 2-6 Aug 1994

LPTHE-ORSAY-94-105

EXP, THEOR

THE B ---> K* PSI POLARIZATION PUZZLE. Aug 1994. 15p.
By R. Aleksan (Saclay), A. Le Yaouanc, L. Oliver, O. Pene, J.-C.
Raynal (Orsay, LPTHE) - Contributed to 1st Arctic Workshop on Future
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By Michel Dubois-Violette, (Orsay, LPTHE), Peter W. Michor
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LPTHE-ORSAY-94-70-REV

THEOR

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1994. 3p.
By D.A. Johnston (Heriot-Watt U.), J.P. Kownacki, A. Krzywicki
(Orsay, LPTHE) - Contributed to LATTICE 94: 12th International
Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct
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LTH-340

THEOR

THE QCD SPECTRUM. Sep 1994. 15p.
By Chris Michael (Liverpool U.) - To be published in the proceedings
of LATTICE 94: 12th International Symposium on Lattice Field Theory,
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LYCEN-9439

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By M.R. Kibler, R.M. Asherova, Yu.F. Smirnov (Lyon, IPN) -
Contributed to Symposium on Symmetries in Science VIII, Bregenz,

Austria, 7-12 Aug 1994 {Bulletin Board: hep-th@xxx.lanl.gov -
9412082}
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MAD-PH-856 EXP, THEOR
MINI - JET VETO: A TOOL FOR THE HEAVY HIGGS SEARCH AT THE LHC.
Dec 1994. 21p.
By V. Barger (Wisconsin U., Madison), R.J.N. Phillips (Rutherford),
D. Zeppenfeld (Wisconsin U., Madison) {Bulletin Board:
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MAP-178 THEOR
INSTANTON CONTENT OF FINITE TEMPERATURE QCD MATTER. Dec 1994.
15p.
By M.C. Chu (Cal Tech, Kellogg Lab), S. Schramm (Indiana U. and
Darmstadt, GSI) {Bulletin Board: nucl-th@xxx.lanl.gov -
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MIT-CTP-2357 EXP, THEOR
CONSTRAINING SPECTRAL FUNCTIONS AT FINITE TEMPERATURE AND
CHEMICAL POTENTIAL WITH EXACT SUM RULES IN ASYMPTOTICALLY FREE
THEORIES. Dec 1994. 33p.
By Su-zhou Huang (MIT, LNS and Washington U., Seattle), Marcello
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MIT-CTP-2380 EXP, THEOR
THE NUCLEON'S TENSOR CHARGE. Nov 1994. 8p.
By Han-xin He, Xiang-dong Ji (MIT, LNS) Submitted to Phys. Rev. D
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MIT-CTP-2386 THEOR
TOPOLOGICAL STRUCTURES IN QCD AT HIGH T. Sep 1994. 9p.
By R. Jackiw (MIT, LNS) - Presented at CAM 94 Physics Meeting,
Cancun, Mexico, Sep 26-30, 1994 {Bulletin Board:
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MKPH-T-94-18 THEOR
THE DRELL-HEARN-GERASIMOV SUM RULE. Nov 1994. 20p.
By D. Drechsel (Mainz U., Inst. Kernphys.) {Bulletin Board:
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MPI-PHT-94-82 THEOR

ASYMPTOTIC EXPANSIONS IN MOMENTA AND MASSES AND CALCULATION OF
FEYNMAN DIAGRAMS. Nov 1994. 15p.

By V.A. Smirnov (Munich, Max Planck Inst.) - Talk given at Workshop
on Advances in Nonperturbative and Perturbative Techniques, Ringberg
Castle, Germany, 13-19 Nov 1994 {Bulletin Board:

hep-th@xxx.lanl.gov - 9412063}

</pre> Abstract_and_Paper

<pre>

MPI-PHT-94-83 THEOR

DIFFERENTIAL CALCULI ON COMMUTATIVE ALGEBRAS. Dec 1994. 33p.

By H.C. Baehr (Gottingen U.), A. Dimakis (Crete U.), F.
Muller-Hoissen (Gottingen U. and Munich, Max Planck Inst.) {Bulletin
Board: hep-th@xxx.lanl.gov - 9412069}

</pre> Abstract_and_Paper

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MPI-PHT-94-84 EXP, THEOR

PRODUCTION MECHANISMS FOR B(C) MESONS IN PHOTON-PHOTON
COLLISIONS. Nov 1994. 10p.

By Karol Kolodziej, Arnd Leike (Munich U., Theor. Phys.), Reinhold
Ruckl (Munich U., Theor. Phys. and Munich, Max Planck Inst.)
{Bulletin Board: hep-ph@xxx.lanl.gov - 9412249}

</pre> Abstract_and_Paper

<pre>

MPI-PHT-94-86 EXP, THEOR

PRODUCTION OF HEAVY SELECTRONS IN E- GAMMA COLLISIONS. Dec
1994. 19p.

By Debajyoti Choudhury (CERN), Frank Cuypers (Munich, Max Planck
Inst.) {Bulletin Board: hep-ph@xxx.lanl.gov - 9412245}

</pre> Abstract_and_Paper

<pre>

NEIP-94-014 THEOR

THE LINEAR MULTIPLY AND QUANTUM STRING EFFECTIVE ACTIONS.
Dec 1994. 13p.

By J.P. Derendinger (Neuchatel U.) - Presented at Joint U.S.-Polish
Workshop on Physics from Planck Scale to Electro-Weak Scale (SUSY
94), Warsaw, Poland, 21-24 Sep 1994 {Bulletin Board:

hep-th@xxx.lanl.gov - 9412086}

</pre> Abstract_and_Paper

<pre>

NHCU-HEP-94-33 THEOR

DISCRETE GAUGE STATES AND W(INFINITY) CHARGES IN C = 1 2-D
GRAVITY. Nov 1994. 8p.

By Tze-Dan Chung, Jen-Chi Lee (Taiwan, National Chiao Tung U.)
{Bulletin Board: hep-th@xxx.lanl.gov - 9412095}

</pre> Abstract_and_Paper

<pre>

NIKHEF-K-94-P10 THEOR
ON THE SCREENING OF THE POTENTIAL BETWEEN ADJOINT SOURCES IN QCD
IN THREE-DIMENSIONS. Sep 1994. 3p.
By Grigorios I. Poulis (NIKHEF, Amsterdam), Howard D. Trottier
(Simon Fraser U.) - Presented at LATTICE 94: 12th International
Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct
1994 {Bulletin Board: hep-lat@ftp.scri.fsu.edu -
9412040}

</pre> Abstract_and_Paper
<pre>

PRINT-94-0248 (NORTH-EASTERN-HILL) EXP, THEOR
UPPER BOUND ON THE MASS OF THE LIGHTEST NEUTRALINO IN A GENERAL
SUPERSYMMETRIC THEORY WITH ARBITRARY HIGGS SECTORS. n.d. 13p.
By P.N. Pandita (Northeastern Hill U., Shillong)

NUCLTH-9412002 THEOR
EFFECTIVE GROUP STRUCTURE IN THE INTERACTING BOSON MODEL. Dec
1994. 32p.
By N.D. Whelan (Bohr Inst.) {Bulletin Board:
nucl-th@xxx.lanl.gov - 9412002}

</pre> Abstract_and_Paper
<pre>

NUCLTH-9412004 EXP, THEOR
THE ENERGY DEPENDENCE OF THE PI N AMPLITUDE AND THE THREE
NUCLEON INTERACTION. Dec 1994. 32p.
By T.Y. Saito, I.R. Afnan (Flinders U.) {Bulletin Board:
nucl-th@xxx.lanl.gov - 9412004}

</pre> Abstract_and_Paper
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NUCLTH-9412011 EXP, THEOR, REVIEW
A RESONANCE MODEL FOR PI- N ---> Y K AND PI- DELTA---> Y K
REACTIONS FOR KAON PRODUCTION IN HEAVY ION COLLISIONS. Dec 1994.
33p.
By S.W. Huang, K. Tsushima, Amand Faessler, E. Lehmann, Rajeev K.
Puri (Tubingen U.) {Bulletin Board: nucl-th@xxx.lanl.gov -
9412011}

</pre> Abstract_and_Paper
<pre>

NUCLTH-9412012 EXP, THEOR
ON THE ROLE OF DISSIPATION IN THE EARLY STAGES OF RELATIVISTIC
HEAVY ION COLLISIONS. Dec 1994. 30p.
By L. Mornas, U. Ornik (Darmstadt, GSI) Submitted to Nucl. Phys. A
{Bulletin Board: nucl-th@xxx.lanl.gov - 9412012}

</pre> Abstract_and_Paper
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NUCLTH-9412015 EXP, THEOR
TWO NEUTRINO DOUBLE BETA DECAY WITHIN THE ZETA APPROXIMATION.
Dec 1994. 11p.
By C. Barbero, F. Krmpotic, A. Mariano (La Plata U.) Submitted to

Phys.Lett.B {Bulletin Board: nucl-th@xxx.lanl.gov -
9412015}
</pre> Abstract_and_Paper
<pre>

OHSTPY-HEP-T-94-020

THEOR

LATTICE QCD. Jun 1994. 23p.
By Aida X El-Khadra (Ohio State U.) - Invited talk at Int. Symp. on
Physics in Collisions, Tallahassee, FL, Jun 15-17, 1994 {Bulletin
Board: hep-ph@xxx.lanl.gov - 9412279}
</pre> Abstract_and_Paper
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OITS-563

EXP, THEOR

CP VIOLATION IN HYPERON DECAYS DUE TO LEFT-RIGHT MIXING. Dec
1994. 11p.
By Darwin Chang (Taiwan, National Tsing Hua U. and Taiwan, Inst.
Phys.), Xiao-Gang He (Oregon U.), Sandip Pakvasa (Hawaii U.)
{Bulletin Board: hep-ph@xxx.lanl.gov - 9412254}
</pre> Abstract_and_Paper
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OL-PHYS-TH2-12-94-1

THEOR

DIRAC THEORY IN SPACE-TIME WITHOUT TORSION. Dec 1994. 8p.
By Ludger Hannibal (Oldenburg U.) {Bulletin Board:
gr-qc@xxx.lanl.gov - 9412026}
</pre> Abstract_and_Paper
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OSU-RN-291

THEOR

INCONSISTENCY OF THE SU(3)-L X U(1)-X MODEL. Dec 1994. 6p.
By B. Dutta (Oklahoma State U.), S. Willenbrock (Illinois U.,
Urbana) Submitted to Phys. Rev. D {Bulletin Board:
hep-ph@xxx.lanl.gov - 9412260}
</pre> Abstract_and_Paper
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OSU-TA-25-94

EXP, THEOR

MONTE CARLO ANALYSIS OF BIG BANG PRODUCTION OF BERYLLIUM AND
BORON. Dec 1994. 11p.
By David Thomas (Ohio State U.) Submitted to Astrophys. J. {Bulletin
Board: astro-ph@babbage.sissa.it - 9412039}
</pre> Abstract_and_Paper
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OUT-4102-54

THEOR

METHODS OF CALCULATION OF HIGHER POWER CORRECTIONS IN QCD.
Dec 1994. 35p.
By A.G. Grozin (Open U., England) {Bulletin Board:
hep-ph@xxx.lanl.gov - 9412238}
</pre> Abstract_and_Paper
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OUTP-94-30-P

THEOR

C > 1 NONCRITICAL STRINGS AND LARGE N MATRIX FIELD THEORY.

Nov 1994. 9p.

By F. Antonuccio, S. Dalley (Oxford U.) {Bulletin Board:

hep-th@xxx.lanl.gov - 9411204}

</pre> Abstract_and_Paper

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RGA-CSVR-015-94

THEOR

QUANTUM CREATION OF QUASIHOMOGENEOUS INFLATIONARY UNIVERSE.

Dec 1994. 6p.

By A.A. Kirillov (Nizhnii Novgorod, Inst. Appl. Math.) {Bulletin

Board: gr-qc@xxx.lanl.gov - 9412003}

</pre> Abstract_and_Paper

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RPI-N97-94

EXP, THEOR

EFFECTIVE LAGRANGIAN APPROACH TO THE THEORY OF ETA

PHOTOPRODUCTION IN THE N* (1535) REGION. Dec 1994. 43p.

By M. Benmerrouche, Nimai C. Mukhopadhyay (Rensselaer Poly and
Saskatchewan U.), J.F. Zhang (Rensselaer Poly) Submitted to Phys.

Rev. D {Bulletin Board: hep-ph@xxx.lanl.gov - 9412248}

</pre> Abstract_and_Paper

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RU-94-59

EXP, THEOR

SCATTERING FROM A DOMAIN WALL IN A SPONTANEOUSLY BROKEN GAUGE
THEORY. Dec 1994. 45p.

By Glennys R. Farrar (Rutgers U., Piscataway), John W. McIntosh, Jr.,
(Princeton U.) {Bulletin Board: hep-ph@xxx.lanl.gov -

9412270}

</pre> Abstract_and_Paper

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SISSA-194-94-EP

THEOR

EFFECTIVE ACTION FOR HIGH-ENERGY SCATTERING IN GRAVITY. Dec
1994. 15p.

By R. Kirschner (SISSA, Trieste), L. Szymanowski (Soltan Inst.,
Swierk) {Bulletin Board: hep-th@xxx.lanl.gov - 9412087}

</pre> Abstract_and_Paper

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SLAC-PUB-6467

EXP, THEOR

OBSERVATION OF TARGET ELECTRON MOMENTUM EFFECTS IN SINGLE ARM
MOLLER POLARIMETRY. Dec 1994. 29p.

By M. Swartz, et al. {Bulletin Board: hep-ex@xxx.lanl.gov -
9412006}

</pre> Abstract_and_Paper

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SLAC-PUB-6618

EXP, THEOR

STUDIES OF STRONG ELECTROWEAK SYMMETRY BREAKING AT FUTURE E+ E-
LINEAR COLLIDERS. Aug 1994. 7p.

By Timothy L. Barklow (SLAC) - Presented at 1994 Meeting of the

American Physical Society, Division of Particles and Fields (DPF 94),
Albuquerque, NM, 2-6 Aug 1994

SLAC-PUB-6671 THEOR
CROSSING SYMMETRY IS INCOMPATIBLE WITH GENERAL RELATIVITY.
Dec 1994. 4p.
By H.Pierre Noyes (SLAC) - Presented at 7th Marcel Grossmann Meeting
on General Relativity (MG 7), Stanford, CA, 24-30 Jul 1994

PRINT-94-0244 (SOUTH-CAROLINA) THEOR
TOPOLOGICAL PHASES AND DUALITY IN ELECTROMAGNETIC AND
GRAVITATIONAL FIELDS. Dec 1992. 26p.
By J. Anandan (South Carolina U.) - Presented at International
Conference on Fundamental Aspects of Quantum Theory to Celebrate the
60th Birthday of Yakir Aharonov, Columbia, SC, 10-12 Oct 1992

PRINT-94-0245 (SOUTH-CAROLINA) THEOR
TOPOLOGICAL AND GEOMETRICAL PHASES DUE TO GRAVITATIONAL FIELD
WITH CURVATURE AND TORSION. n.d. 17p.
By J. Anandan (Oxford U. and South Carolina U.) Submitted to
Phys.Lett.A

SU-4240-590 THEOR
EDGE STATES IN GRAVITY AND BLACK HOLE PHYSICS. Dec 1994. 22p.
By A.P. Balachandran, L. Chandar, Arshad Momen (Syracuse U.)
{Bulletin Board: gr-qc@xxx.lanl.gov - 9412019}
</pre> Abstract_and_Paper
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SU-4240-597 THEOR
THE FORGOTTEN POTTS MODELS. Nov 1994. 6p.
By Gudmar Thorleifsson (Syracuse U.) - Contributed to LATTICE 94:
12th International Symposium on Lattice Field Theory, Bielefeld,
Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412053}
</pre> Abstract_and_Paper
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SUBATECH-94-15 EXP, THEOR
EXCHANGE PROCESS AMPLITUDES IN COHERENT PION PRODUCTION. n.d.
13p.
By P.A. Deutchman (Idaho U.), B. Erazmus (Nantes, LPSTA)

SWAT-94-95-53 THEOR
MASSIVE INTEGRABLE SOLITON THEORIES. Nov 1994. 18p.
By Timothy J. Hollowood (Swansea U.), J.Luis Miramontes (Santiago
de Compostela U.), Q-Han Park (Kyung Hee U.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412062}
</pre> Abstract_and_Paper
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TAMU-NTH-94-13 EXP, THEOR
SUBTHRESHOLD KAON PRODUCTION AND THE NUCLEAR EQUATION OF STATE.
Nov 1994. 10p.
By G.Q. Li, C.M. Ko (Texas A-M) {Bulletin Board:
nucl-th@xxx.lanl.gov - 9411024}
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[href=/FIND/hep?fin=key+3058026+\(using+abs> Abstract_and_Paper](/FIND/hep?fin=key+3058026+(using+abs> Abstract_and_Paper)
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THU-94-17

THEOR

STOCHASTIC TACHYON FLUCTUATIONS, MARGINAL DEFORMATIONS AND SHOCK WAVES IN STRING THEORY. Dec 1994. 26p.

By Konstadinos Sfetsos (Utrecht U.) {Bulletin Board:

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TIFR-TH-94-50

EXP, THEOR

UPPER BOUND ON THE MASS OF LIGHTEST HIGGS BOSON IN THE SUPERSYMMETRIC SINGLET MAJORON MODEL. Dec 1994. 13p.

By P.N. Pandita (Tata Inst. and Northeastern Hill U., Shillong)
{Bulletin Board: hep-ph@xxx.lanl.gov - 9412247}

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TIFR-TH-94-52

THEOR

HIGHER DIMENSIONAL UNIFORMIZATION AND W GEOMETRY. Dec 1994.
24p.

By Suresh Govindarajan (Tata Inst.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412078}

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TOMSK-5-93

INSTR

GAAS PHOTODIODES FOR HIGH-ENERGY PARTICLE DETECTORS. Oct
1993. 12p.

By N.P. Fedorov, I.V. Glavanakov, A.V. Moiseenko, V.M. Tarasov
(Tomsk Polytechnic Inst.), D.L. Budnitskii, S.S. Khludkov, A.V.
Koretskii, A.I. Potapov, O.P. Tolbanov (Tomsk State U.)

TRI-PP-94-77

EXP

OBSERVATION OF RADIATIVE MUON CAPTURE ON THE PROTON. Sep
1994. 13p.

By P. Depommier, et al.

TRI-PP-94-79

EXP

ZERO CROSSING ANGLE OF THE N P ANALYZING POWER BELOW 300-MEV.
Sep 1994. 7p.

By C.A. Davis, et al.

TRI-PP-94-80

THEOR

CHIRAL SYMMETRY BREAKING IN ABELIAN PROJECTED SU(2) LATTICE
GAUGE THEORY. Oct 1994. 12p.

By R.M. Woloshyn (TRIUMF) Submitted to Phys.Rev.D

TRI-PP-94-84

INSTR

BEAM TESTS WITH MICROSTRIP GAS COUNTERS. Oct 1994. 3p.
By M.R. Landry, et al.

TRI-PP-94-85

EXP

SEARCH FOR T VIOLATION IN K+ DECAYS. Oct 1994. 2p.

By KEK-E246-Japan-Russia-Korea-Canada-USA-Collaboration (J.A.
Macdonald, et al.)

TRI-PP-94-86 EXP, THEOR
 SPIN POLARIZED ATOM TRAPS AND FUNDAMENTAL SYMMETRIES. Oct
 1994. 10p.
 By O. Hausser (Simon Fraser U. and TRIUMF) - Presented at
 International Conference on Hypernuclear and Strange Particle Physics
 (HYP94), Vancouver, Canada, 4-8 Jul 1994

TRI-PP-94-87 INSTR
 A MULTICELL TARGET FOR LAMBDA LAMBDA HYPERNUCLEI SEARCHES.
 Oct 1994. 2p.
 By BNL-E885-Collaboration (L. Lee, et al.)

TRI-PP-94-88 EXP, THEOR
 RELATIVISTIC MEAN FIELD THEORY AND HYPERNUCLEI. Oct 1994. 2p.
 By J. Mares, B.K. Jennings (TRIUMF) - Presented at International
 Conference on Hypernuclear and Strange Particle Physics (HYP94),
 Vancouver, Canada, 4-8 Jul 1994

TRI-PP-94-89 EXP, THEOR
 HYPERNUCLEAR PRODUCTION VIA THE (P, P-PRIME K), (P, D K) AND (P,
 ALPHA K) REACTIONS. Oct 1994. 2p.
 By Stanley Yen (TRIUMF) - Presented at International Conference on
 Hypernuclear and Strange Particle Physics (HYP94), Vancouver, Canada,
 4-8 Jul 1994

TRI-PP-94-95 EXP, THEOR
 NUCLEAR MISMATCH IN SUPERALLOWED FERMI BETA DECAY. Oct 1994.
 14p.
 By D.H. Wilkinson (TRIUMF and Sussex U.) Submitted to Nucl.Phys.A

TRI-PP-94-96 EXP
 MEASUREMENT OF CHARGE SYMMETRY BREAKING IN N P ELASTIC
 SCATTERING AT 350-MEV. Oct 1994. 10p.
 By R. Abegg, et al.

TRI-PP-94-97 INSTR
 MUON CATALYZED FUSION AT VERY LOW TEMPERATURE: A NEW TARGET
 SYSTEM. Oct 1994. 6p.
 By F. Mulhauser, et al.

TRI-PP-94-98 EXP, THEOR, REVIEW
 REFLECTIONS ON SYMMETRIES AT SPIN '94. Oct 1994. 8p.
 By S.A. Page (Manitoba U.) - Presented at 11th International
 Symposium on High Energy Spin Physics and the 8th International
 Symposium on Polarization Phenomena in Nuclear Physics (SPIN 94),
 Bloomington, IN, 15-22 Sep 1994

TUW-94-20 THEOR
 LANDAU-GINZBURG ORBIFOLDS WITH DISCRETE TORSION. Nov 1994.
 11p.
 By Maximilian Kreuzer (Vienna, Tech. U.), Harald Skarke (Hannover
 U.) {Bulletin Board: hep-th@xxx.lanl.gov - 9412033}
 </pre> Abstract_and_Paper
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TWI-94-29 THEOR
 QUANTIZATION OF THE LIE ALGEBRA $SO(2N+1)$ AND OF THE LIE
 SUPERALGEBRA $OSP(1/2N)$ WITH PREOSCILLATOR GENERATORS. Oct 1994.

14p.

By T.D. Palev (Gent U.) - Invited talk at Meeting of the FNRS Contact Group on Mathematical Physics, Brussels, Belgium, 28 Nov 1994

{Bulletin Board: **hep-th**@xxx.lanl.gov - **9412060**}

</pre> Abstract_and_Paper

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UAB-FT-354

THEOR

PERTURBATIVE METRIC OF CHARGED BLACK HOLES IN QUADRATIC GRAVITY.

Dec 1994. 10p.

By M. Campanelli (Konstanz U.), C.O. Lousto (Barcelona, Autonoma U.), J. Audretsch (Konstanz U.) {Bulletin Board:

gr-qc@xxx.lanl.gov - **9412001**}

</pre> Abstract_and_Paper

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UCLA-94-TEP-44

THEOR

CASIMIR FORCES BETWEEN BEADS ON STRINGS AND MEMBRANES. Dec 1994. 9p.

By Eric D'Hoker (UCLA), Pierre Sikivie (Florida U. and Santa Barbara, ITP), Youli Kanev (Florida U.) {Bulletin Board:

hep-th@xxx.lanl.gov - **9412055**}

</pre> Abstract_and_Paper

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UCONN-94-10

THEOR

MICROLENSING, NEWTON-EINSTEIN GRAVITY, AND CONFORMAL GRAVITY.

Dec 1994. 4p.

By Philip D. Mannheim (Connecticut U.) - Contributed to 5th Annual October Astrophysics Conference in Maryland: International Conference on Dark Matter, College Park, MD, 10-12 Oct 1994 {Bulletin Board:

astro-ph@babbage.sissa.it - **9412007**}

</pre> Abstract_and_Paper

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UCSBTH-94-44

THEOR

CLASSICAL ANALYSIS OF BIANCHI TYPES I AND II IN ASHTEKAR VARIABLES. Dec 1994. 13p.

By Gabriela Gonzalez (Syracuse U.), Ranjeet S. Tate (Pittsburgh U.) {Bulletin Board: **gr-qc**@xxx.lanl.gov - **9412015**}

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UCSBTH-94-51

THEOR

ALMOST IDEAL CLOCKS IN QUANTUM COSMOLOGY: A BRIEF DERIVATION OF TIME. Nov 1994. 35p.

By Donald Marolf (UC, Santa Barbara) {Bulletin Board:

gr-qc@xxx.lanl.gov - **9412016**}

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UFIFT-HEP-94-10

THEOR

QUENCHED CHIRAL CORRECTIONS TO HEAVY - LIGHT DECAY CONSTANTS AT ORDER 1/M. Nov 1994. 13p.

By Michael J. Booth (Florida U.) {Bulletin Board:
hep-ph@xxx.lanl.gov - 9412228}

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</pre><a href=/FIND/hep?fin=key+3068080+(using+abs> Abstract_and_Paper </a><pre>
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UGVA-DPT-94-12-870 THEOR
OFF SHELL FORMULATION OF N=2 SUPERYANG-MILLS THEORIES COUPLED TO
MATTER WITHOUT AUXILIARY FIELDS. Dec 1994. 22p.
By Nicola Maggiore (Geneva U.) {Bulletin Board:
hep-th@xxx.lanl.gov - 9412092}

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</pre><a href=/FIND/hep?fin=key+3069575+(using+abs> Abstract_and_Paper </a><pre>
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UK-94-07 THEOR
PI N SIGMA TERM AND QUARK SPIN CONTENT OF THE NUCLEON. Sep
1994. 3p.
By Shao-Jing Dong, Keh-Fei Liu (Kentucky U.) - Contributed to LATTICE
94: 12th International Symposium on Lattice Field Theory, Bielefeld,
Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412059}

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</pre><a href=/FIND/hep?fin=key+3070018+(using+abs> Abstract_and_Paper </a><pre>
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UM-P-94-112 THEOR
A NUMERICAL ATTEMPT ON THE CHIRAL SCHWINGER MODEL. Sep 1994.
3p.
By T.D. Kieu (Melbourne U. and Princeton, Inst. Advanced Study), P.S.
Hawkins (Monash U.) - Contributed to LATTICE 94: 12th International
Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct
1994 {Bulletin Board: hep-lat@ftp.scri.fsu.edu -
9412047}

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</pre><a href=/FIND/hep?fin=key+3069435+(using+abs> Abstract_and_Paper </a><pre>
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UM-P-94-113 THEOR
MORE ON RANDOM LATTICE FERMIONS. Sep 1994. 3p.
By T.D. Kieu (Melbourne U. and Princeton, Inst. Advanced Study), J.F.
Markham, C.B. Paranaivitane (Melbourne U.) - Contributed to LATTICE
94: 12th International Symposium on Lattice Field Theory, Bielefeld,
Germany, 27 Sep - 1 Oct 1994 {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412048}

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</pre><a href=/FIND/hep?fin=key+3069443+(using+abs> Abstract_and_Paper </a><pre>
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UMTG-179-94 THEOR
RESIDUE FORMULAS FOR THE LARGE K ASYMPTOTICS OF WITTEN'S
INVARIANTS OF SEIFERT MANIFOLDS: THE CASE OF SU(2). Dec 1994.
39p.
By L. Rozansky (Miami U.) {Bulletin Board: hep-th@xxx.lanl.gov
- 9412075}

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</pre><a href=/FIND/hep?fin=key+3069320+(using+abs> Abstract_and_Paper </a><pre>
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**THE EXPECTED, THE PROMISED AND THE CONCEIVABLE: ON CP VIOLATION
IN BEAUTY AND CHARM DECAYS.** Nov 1994. 16p.
By I.I. Bigi (Notre Dame U.) - Invited talk at Workshop on Heavy
Quarks at Fixed Target (HQ 94), Charlottesville, VA, 7-10 Oct 1994
{Bulletin Board: **hep-ph**@xxx.lanl.gov - **9412227**}
</pre> Abstract_and_Paper
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USC-94-HEP-B4 THEOR
FOLDED STRINGS. Jun 1994. 31p.
By Itzhak Bars (Southern California U.) - Lectures given at Gurse
Memorial Conference I: On Strings and Symmetries, Istanbul, Turkey,
6-10 Jun 1994 {Bulletin Board: **hep-th**@xxx.lanl.gov -
9412044}
</pre> Abstract_and_Paper
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UTAPHY-HEP-11A EXP, THEOR
**A METHOD FOR ANALYZING ELECTRON SPECTRA OBSERVED IN SOLAR
NEUTRINO EXPERIMENTS.** Dec 1994. 19p.
By Waikwok Kwong, S.P. Rosen (Texas U., Arlington)

UTAS-PHYS-94-25 THEOR
RENORMALIZATION AND KNOT THEORY. Dec 1994. 53p.
By Dirk Kreimer (Tasmania U.) {Bulletin Board:
hep-th@xxx.lanl.gov - **9412045**}
</pre> Abstract_and_Paper
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UTHEP-291 THEOR
**FINITE TEMPERATURE TRANSITION IN TWO FLAVOR QCD WITH
RENORMALIZATION GROUP IMPROVED ACTION.** Sep 1994. 3p.
By Y. Iwasaki, K. Kanaya (Tsukuba U.), S. Sakai (Yamagata U.), T.
Yoshie (Tsukuba U.) - Talk given at LATTICE 94: 12th International
Symposium on Lattice Field Theory, Bielefeld, Germany, 27 Sep - 1 Oct
1994 {Bulletin Board: **hep-lat**@ftp.scri.fsu.edu -
9412054}
</pre> Abstract_and_Paper
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UTPT-94-34 THEOR
HOW OLD IS THE UNIVERSE? Dec 1994. 12p.
By J.W. Moffat (Toronto U.) {Bulletin Board:
gr-qc@xxx.lanl.gov - **9412010**}
</pre> Abstract_and_Paper
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UTPT-94-36 THEOR
**FIELD EQUATIONS AND CONSERVATION LAWS IN THE NONSYMMETRIC
GRAVITATIONAL THEORY.** Dec 1994. 15p.
By J. Legare, J.W. Moffat (Toronto U.) {Bulletin Board:
gr-qc@xxx.lanl.gov - **9412009**}
</pre> Abstract_and_Paper
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UU-HEP-94-4

THEOR

FINITE TEMPERATURE QCD: PROGRESS AND OUTSTANDING PROBLEMS.
Sep 1994. 12p.

By Carleton DeTar (Utah U.) - Talk given at LATTICE 94: 12th
International Symposium on Lattice Field Theory, Bielefeld, Germany,
27 Sep - 1 Oct 1994 {Bulletin Board: hep-lat@ftp.scri.fsu.edu -
9412010}

</pre> Abstract_and_Paper

<pre>

UVA-INPP-94-5

THEOR

SPIN CHAINS AND CHIRAL LATTICE FERMIONS. Dec 1994. 3p.

By H.B. Thacker (Virginia U.) {Bulletin Board:
hep-lat@ftp.scri.fsu.edu - 9412019}

</pre> Abstract_and_Paper

<pre>

UWSEA-PUB-94-05

EXP, THEOR, REVIEW

SUMMARY OF NUCLEAR AND PARTICLE ASTROPHYSICS SESSIONS. May
1994. 5p.

By R.Jeffrey Wilkes (Washington U., Seattle) - Talk given at 5th
Conference on the Intersections of Particle and Nuclear Physics, St.
Petersburg, FL, 31 May - 6 Jun 1994 {Bulletin Board:
astro-ph@babbage.sissa.it - 9412018}

</pre> Abstract_and_Paper

<pre>

UWSEA-PUB-94-07

INSTR, EXP

DUMAND AND AMANDA: HIGH-ENERGY NEUTRINO ASTROPHYSICS. Aug
1994. 30p.

By R.Jeffrey Wilkes (Washington U., Seattle) - To be published in the
proceedings of 22nd Annual SLAC Summer Institute on Particle Physics:
Particle Physics, Astrophysics and Cosmology (School: Aug 8-16, 1994
followed by Topical Conference: Aug 17-19, 1994), Stanford, CA, 8-19
Aug 1994 {Bulletin Board: astro-ph@babbage.sissa.it -
9412019}

</pre> Abstract_and_Paper

<pre>

UWTHPH-1994-50

THEOR

THE MOMENTUM CONSTRAINTS OF GENERAL RELATIVITY AND SPATIAL
CONFORMAL ISOMETRIES. Dec 1994. 16p.

By R. Beig (Vienna U.), N.O. Murchadha (University Coll., Cork)
{Bulletin Board: gr-qc@xxx.lanl.gov - 9412029}

</pre> Abstract_and_Paper

<pre>

WISC-MILW-94-TH-26

THEOR

PHASE TRANSITION FOR GRAVITATIONALLY COLLAPSING DUST SHELLS IN
2+1 DIMENSIONS. Dec 1994. 12p.

By Yoav Peleg (Wisconsin U., Milwaukee), Alan R. Steif (UC, Davis)
{Bulletin Board: gr-qc@xxx.lanl.gov - 9412023}

</pre> Abstract_and_Paper

<pre>

YITP-U-94-31

EXP, THEOR

POSSIBLE SOLUTION TO THE PUZZLES IN NONLEPTONIC WEAK DECAYS OF
CHARM MESONS AND ROLE OF EXOTIC MESONS. Nov 1994. 6p.

By K. Terasaki (Kyoto U., Yukawa Inst., Uji) - Talk given at Workshop
on Hadron Physics at e+ e- Colliders, Beijing, P.R. China, 14-18 Oct
1994

YITP-U-94-32

THEOR

CONTRIBUTION OF HADRONIC INTERMEDIATE STATES TO NONLEPTONIC WEAK
DECAYS OF B MESONS. Nov 1994. 6p.

By K. Terasaki (Kyoto U., Yukawa Inst., Uji) - Talk given at the
Workshop on Hadron Physics at e+ e- Colliders and Related, IHEP,
Beijing, Oct 14 - 18, 1994

</pre>

PPF (Preprints in Particles and Fields) is a list of high-energy
physics preprints received during the previous week at the SLAC Library.
To obtain a copy of an item on this list, check your own preprint
library or write directly to the authors. For b-board papers you may
also download a TeX version from a bulletin board, or get a postscript
version from the SLAC's anonymous ftp server, preprint.slac.stanford.edu

<P>

'Print' and RX report numbers are assigned by SLAC to unnumbered preprints
and should not be used in requests or references. DO NOT REQUEST
PREPRINTS FROM SLAC, except, of course, those by SLAC authors.

The PPF Source Address List is available free on request. You may also
use the INSTITUTIONS and

 HEPNAMES

databases to find authors' addresses. (Genuine SLAC preprints may
be requested from authors or from the SLAC Publication Department,
techpub@slac.stanford.edu)

<P>

Many preprints are now available from various bulletin boards on the
Internet. They are identified by the bulletin board name and number.
For instructions and a list of bulletin boards, send e-mail to
hepth@xxx.lanl.gov , with <i>Subject:</i> HELP . For bulletin board
papers in this list, you may display abstracts by choosing appropriate
<i>Abstract_and_Paper</i> boxes. When you open an abstract, you are given
further options. If you are accessing WWW via an X browser, such as
MidasWWW or Xmosaic, you may be able to view the entire paper by
clicking on <i>Show_Paper.</i> Do not use this option with a line browser or
a browser that does not handle postscript. Instead, get
the postscript file of the already TeX-ed paper from the SLAC's
anonymous ftp server and print it on your own postscript printer, or
obtain the TeX source from the appropriate bulletin board and process
it yourself. You can view the TeX source by displaying the abstract
and then clicking on <i>Show_TeX_Source.</i>

<P>

SLAC 4400 VM Production Pages. OLD SLAC. HTML
03/12/1994

SLAC ARCHIVES COLL 4400
SERIES 2 SUBSERIES 2
BOX 6 FOLDER 14

```

          d          k
          d          k
          d          k
jj      m m mm      ddd d      eeee      k  k      eeee      n nnn
j      mm m  m      d  dd      e   e      k  k      e   e      nn  n
j      m  m  m      d  d      eeeee      k k      eeeee      n   n
j      m  m  m      d  d      e         kk k      e         n   n
j      m  m  m      d  dd      e   e      k  k      e   e      n   n
j      m  m  m      ddd d      eeee      k    k      eeee      n   n
j
j
jjj

```

```

          ll          d          ll          h
          l          d          l          h
          l          d          l          h
oooo      l      ddd d      ssss      l      aaaa      cccc      h hhh
o   o      l      d  dd      s   s      l          a      c   c      hh  h
o   o      l      d  d      ss          l          aaaaa      c          h   h
o   o      l      d  d      ss          l      a   a      c          h   h
o   o      l      d  dd      s   s      l      a   aa      c   c      ..  h   h
oooo      ll      ddd d      ssss      ll      aaaa a      cccc      ..  h   h

```

```

ff      ll          00000      22222
f  f      l          0   0      2   2
f      l          0   00      2
f      l          0   0 0      2
fffff      l      oooo      r rrr      aaaa      0 0 0      222
f      l      o   o      rr  r      a      0 0 0      2
f      l      o   o      r      aaaa      00 0 0      2
f      l      o   o      r      a   aa      0   0      2
f      ll      oooo      r      aaaa a      00000      2222222

```

Job: oldslac.html
Date: Tue Jun 30 14:27:46 1998

```

<title>WorldWideWeb SLAC Home Page</title>
<h1>WorldWideWeb SLAC Home Page</h1>
<address><a HREF="slacinst.html">SLAC</a> 18 Mar 1994 </address>
<p>
Use the <a HREF="wwwintro.html">WorldWideWeb (WWW)</a>
service to gain access to a wide range of information
at SLAC and elsewhere around the globe.
Emphasized text like
<a HREF="hypertext.html">this</a>
is a hypertext link.
<p>
You may view
<a HREF=http://info.cern.ch/hypertext/DataSources/Top.html>
WWW information</a>
through GUI or line-mode
<a HREF="http://www.slac.stanford.edu/winters/pub/www/browsers.html">
browsers</a>. At least most SLAC pages have been tested on the
<a HREF=http://info.cern.ch/hypertext/WWW/MidasWWW/Status.html>MidasWWW</a>
X Window System browser.
Note that over time links may move around on a page, migrate to
others, or be removed entirely, due to the dynamic nature
of the Web.
<p>

<h2><a NAME="SLACinfo">SLAC Information</a></h2>
<p>
<dl>
<dt><b>People and organizations</b>:</dt>
<dd>
<a HREF="binlist">people at SLAC</a>,
<a HREF="hepnames">particle physics people</a> and
<a HREF="institutions">institutions</a>.
<dt><b>Library</b>:</dt>
<dd>
<a HREF="hep">SPIRES-HEP</a>,
<a HREF="newppf.HTML">Current PPF-list</a>,
<a HREF="books">Books</a>,
<a HREF="slacspeak">SLACspeak glossary</a>,
<a HREF="default.html">other databases</a>.
<dt><b>Physics Preprint Bulletin Boards (full-text postscript) </b>:</dt>
<dd>
<a HREF="bull0.html">today</a>,
<a HREF="bull1.html">yesterday</a>,
<a HREF="bull7.html">last seven days</a>,
<a HREF="bull14.html">week before that</a>,
<a HREF="abstracts">let me search</a>.
<dt><b>Seminars</b>:</dt>
<dd>
<a HREF="SEMINARS/TODAY">today</a>,
<a HREF="SEMINARS/TOMORROW">tomorrow</a>,
<a HREF="SEMINARS/THISWEEK">this week</a>,
<a HREF="SEMINARS/NEXTWEEK">next week</a>,
<a HREF="SEMINARS/THISYEAR">anytime</a>,
<a HREF="seminar">let me search</a>.
<dt><b>Conferences</b>:</dt>
<dd>
<a HREF="CONF?fin+wd+thism+(seq+date">this month</a>,
<a HREF="CONF?fin+wd+nextm+(seq+date">next month</a>,
<a HREF="CONF?fin+wd+nexts+(seq+date">next summer</a>,
<a HREF="CONF?fin+wd+nexty+(seq+date">next year</a>,

```

```

<a HREF="CONF?fin+wd+future+(seq+date">all future</a>,
<a HREF="conf">let me search</a>.
<dt><b>News</b>:
<dd>
<a HREF="apsnews.html">APS What's New</a>,
<a HREF="SLACNN">SLAC Netnews</a>,
<a HREF="news:slac.ssc.news">SSC News</a>.
</dl>
<h2>SLAC Physics Program</h2>
<p>
<dl>
<dt><b>Experiments</b>:
<dd>
<a HREF="http://www.slac.stanford.edu/BF/doc/www/bfHome.html">BaBar</a>,
<a HREF="http://slacvx.slac.stanford.edu/BESWWW/000000/bes.html">BES</a>,
<a HREF="mq.html">MQ</a>,
<a HREF="http://slacvx.slac.stanford.edu/SLDWWW/000000/sld.html">SLD</a>,
<a HREF="create.html">other</a>.
<dt><b>Accelerator operations logs</b>:
<dd>
<a HREF="ACREPORTS/YESTERDAY">yesterday</a>,
<a HREF="ACREPORTS/TODAY">today</a>,
<a HREF="ACREPORTS/THISWEEK">this week</a>,
<a HREF="ACREPORTS/THISYEAR">anytime</a>.
</dl>
<h2>SLAC Computing</h2>
<dl>
<dt><b>General computing</b>:
<dd>
<a HREF="slacvoid.html">Amiga</a>,
<a HREF="macintos.html">Macintosh</a>,
<a HREF="slacvoid.html">PC</a>,
<!-- change to gopher when /usr/local/doc/ clean ?? -->
<a HREF="unix.html">UNIX</a>,
<a HREF="help">VM HELP</a>,
<a HREF="http://slacvx.slac.stanford.edu/HELP">VMS Help</a>;
<br>
<a HREF="fhmain.html">FreeHEP</a>,
<a HREF="futures.html">Futures</a>,
<a HREF="http://www.slac.stanford.edu/winters/pub/www/lan.html">Local Area Network</a>,
<a HREF="http://www.slac.stanford.edu/winters/pub/www/net/reference.html">Network</a>,
<a HREF="security.html">Security</a>,
<a HREF="slacwide.html">SLACwide</a>,
<a HREF="create.html">other</a>.
<dt><b>Group computing</b>:
<dd>
<a HREF="scs.html">SCS</a>,
<a HREF="create.html">other</a>.
<dt><a NAME="WAN"><b>Wide Area Networks</b></a>:
<dd>
<a HREF="gopher://gopher.barrnet.net">BARRNet</a>,
<a HREF="help?help+info+bitnet">BITNET</a>,
<a HREF="http://www.es.net/">ESnet</a>,
<a HREF="http://www.hep.net/">HEPnet</a>,
<a HREF="internet.html">Internet</a>,
<a HREF="http://gala.jnt.ac.uk/">SuperJANET</a>,
<a HREF="create.html">other</a>.
</dl>
<h2>Other SLAC Information Resources</h2>
<a HREF="annals.html">Annals</a>,

```

[Laboratory facilities](slacfac.html),
[Stores catalog](stores.html),
[Telephone directory reference section](dirdrive.memo),
[other](create.html).

Other Useful Information

<p>

<dl>

<dt>Other institutions:

<dd>

[Brown](http://www.het.brown.edu/),

[CERN](http://info.cern.ch/),

[DESY](http://info.desy.de/),

[Fermilab](http://fnnews.fnal.gov/),

[LANL](http://mentor.lanl.gov/),

[LBL](gopher://gopher.lbl.gov/11/),

[SSC](http://www.ssc.gov/),

[more HEP institutions](http://info.cern.ch/hypertext/DataSources/bySubject/Physics/HEP.html);

Stanford University

([Campus](gopher://gopher-server.stanford.edu/1) and the

[Medical Center](gopher://med-gopher.stanford.edu/1));

AIP ([FYI](ftp://ftp.hep.net:21/aip-fyi) and

[Physics News Updates](ftp://ftp.hep.net:21/physics-news)),

[NASA](http://hypatia.gsfc.nasa.gov/NASA_homepage.html),

[NCAR](http://http.ucar.edu/metapage.html),

[National MetaCenter for Computational Science and Engineering](http://www.tc.cornell.edu/metacenter.html),

[other](create.html).

<dt>Other experiments:

<dd>

[ALEPH](http://alephinfo.cern.ch/),

[DELPHI](http://delinfo.cern.ch/Delphi/Welcome.html),

[L3](http://hpl3sn02.cern.ch/),

[OPAL](http://hpfrs6.physik.uni-freiburg.de/www/opal/opal_allgemein.html)

[CLEO](http://w4.lns.cornell.edu/);

[H1](http://dice2.desy.de/),

[ZEUS](http://zow00.desy.de:8000/);

[Experiments?exp+fnal-740+\(usi+www2">D0](#),

[Experiments?exp+fnal-741+\(usi+www2">CDF](#);

[more HEP experiments](explist.html).

<dt>Other information sources:

<dd>

[academic fields](http://info.cern.ch/hypertext/DataSources/bySubject/Overview.html) (the WWW Virtual Library),

[ESnet X.500 white page](gopher://gopher.es.net:70/11/gopher-stuff/X.500)

[GopherSpace](gopher://gopher.micro.umn.edu/11/Other%20Gopher%20and%20Information%20S GopherSpace),

[grab-bag](grabbag.html),

[hacker's jargon](http://iicm.tu-graz.ac.at/Cjargon),

[LISTSERV lists](ftp://info.nic.surfnet.nl/surfnet/net-management/earn/services/listserv LISTSERV lists),

[Netne](http://www.cis.ohio-state.edu/hypertext/faq/usenet/FAQ-List.html)

[other](create.html).

</dl>

<h2>Support</h2>

WWW at SLAC is supported by the

[SLAC WWWizards](wizards.html),

to whom you should address questions, comments, complaints, *<i>etc</i>*.
See

[What's New](whatsnew.html)

for updates to SLAC's WWW pages or

[Major Changes](wwwstat.html)

for more system-related modifications.

You may also find the

[Old SLAC Home Page](oldslac.html)

or the

[Test SLAC Home Page](http://slacvm.slac.stanford.edu:5080/FIND/slac.html)
useful.

<p>

The [WWW Project](http://info.cern.ch/hypertext/WWW/TheProject.html) was initiated at CERN, from which support
is still coordinated.

[WWW contributors](http://info.cern.ch/hypertext/WWW/People.html)
currently come from diverse parts of the world.

For more information see

[WWW bibliography](wwwbibl.html).

<p>

<hr>

This page is intended for people experienced with WWW
at SLAC ("refreshers").

<p>

This version was created by Joan Winters and
evolved from part of the original SLAC Home Page,
created by Tony Johnson and updated by various SLAC WWWizards.

<p>

<address>

[Winters](binlist?find=name+winters,joan(using+qspires)</address>

<!-- 7 Jun 93 by Winters Created as rephalgamization of Winters's SLAC home page -->

<!-- 7 Jun 93 by Winters Change HEP SLACSpeak link to include HEP SPIRES -->

<!-- 28 Jul 93 by Winters Link from SLAC to slacinst.html, synch title & h1 -->

<!-- 28 Jul 93 by Winters Change link to VM HELP server, add SCS link -->

<!-- 2 Aug 93 by Winters Split into production & group computing, add /usr/local -->

<!-- 3 Aug 93 by Winters Made *the* SLAC Home Page; named support entry
Add Netnews FAQs

Synch overlapping intro links with wwwintro.html -->

<!-- 4 Aug 93 by Winters Add uldoc.html pointer, in anticipation -->

<!-- 6 Aug 93 by Winters Add LAN & slacfac.html links, add WAN section
(BARRNet, BITNET, ESNet, Internet links) -->

<!-- 9 Aug 93 by Winters Fix BITNET link; update BARRNet link -->

<!-- 17 Aug 93 by Winters Split SPIRES into People & Library, standardize & min

<!-- 18 Aug 93 by Winters Add temporary pointer to previous SLAC home page as p

<!-- 19 Aug 93 by Winters Add link to RAC's SPIRES-in-HEP-worldwide chart -->

<!-- 23 Aug 93 by Winters Rephalgamize re Addis: rephrase; add browsers, delete

<!-- 23 Aug 93 by Winters Add new br tag (Developers Conf via TonyJ), SLAC Spea

<!-- 24 Aug 93 by Winters Change all local refs to fully qualified for use as S

<!-- 26 Aug 93 by Winters Add FIND to my link; lower case in prep for UNIX case

<!-- 2 Sep 93 by TonyJ Add trailing slashes (required by Next) at end of CER

<!-- 30 Sep 93 by Winters Add link to CERT FTP /pub files; hr tag before author

<!-- 6 Oct 93 by Winters Split ESNet into FTP and Gopher links; add HEPnet, CS

<!-- 7 Oct 93 by Winters Change APSNEWS to standard APS What's New? -->

<!-- 11 Oct 93 by Winters Add Millicharge re Willie; change ESNET FTP link to .

<!-- 11 Oct 93 by Winters Delete CERT link for first stab at Security page from

<!-- 11 Oct 93 by Winters Link "other" to new create.html; make (sub)lists more

<!-- 11 Oct 93 by Winters Add 2 AIP links re RAC -->

<!-- 14 Oct 93 by Winters Add link to prototype SLAC Annals re RAC, Glanzman, RL

<!-- 14 Oct 93 by Winters Add audience and ack, significant blank after date -->

<!-- 15 Oct 93 by Winters Change link from slacvoid to lan.html -->

```

<!-- 22 Oct 93 by Winters Add link to futures.html re RAC; del ack link to WWWi
<!-- 23 Oct 93 by Winters Change news.answers link to OHU's sorta alpha list re
<!-- 27 Oct 93 by Winters Change link to old Home Page to oldslac.html on prod
<!--      move Security link to General Computing -->
<!-- 30 Oct 93 by Winters Create NetRef link for RAC; del section-positioning s
<!--  3 Nov 93 by Winters Uppercase PC per GJM; add link to Test SLAC Home Page
<!--  8 Nov 93 by Winters Subtitle SLAC Info and doc dynamic nature of links re
<!-- 19 Nov 93 by Winters  Server from WWWTEST at port 5080 to WWW; format upd
<!--      remove explicit default ports and empty NeXT link -->
<!-- 20 Nov 93 by Winters  Remove SPIRES from first h2 re LXA; redundant Comp
<!--      Remove Campus CS link (always down now) -->
<!-- 20 Nov 93 by Addis    Change text to "Physics Preprint Bull. Boards", SPIR
<!--      "other databases"; add DESY link -->
<!-- 22 Nov 93 by Addis    Change BOOKS to Books -->
<!-- 24 Nov 93 by Winters  Add BaBar (re DRAGON) and Stores (re LXA) links -->
<!--  3 Dec 93 by Addis    Various changes?? ... -->
<!-- 17 Dec 93 by Winters  Change ESnet links to new WWW page re JXH; spell out
<!-- 20 Dec 93 by Winters  Make Futures, FreeHEP alphabetical... -->
<!-- 21 Dec 93 by Winters  Add ESnet X.500 and SuperJANET re RAC; try qspires fo
<!--      change people in HEP (ambiguous) to particle physics people re LXA
<!-- 24 Dec 93 by Winters  Add NASA home page, WWW Virtual Lib to academic field
<!-- 14 Jan 94 by Winters  Add link to Galic's online HEP experiments -->
<!-- 18 Jan 94 by Winters  Add link to new whatsnew.html and update neighboring
<!-- 19 Jan 94 by Winters  Fix up alphabetization of Other Info Sources -->
<!-- 20 Jan 94 by Winters  Implement our consensus for explist.html names re Gal
<!-- 25 Jan 94 by Winters  Add individual experiments to help with more HEP [exp
<!-- 25 Jan 94 by Winters  Put PC link from pc.html back to slacvoid.html for ne
<!--  2 Feb 94 by Galic    Add 'let me search' to SEMINARS & B-BOARDS -->
<!--  4 Feb 94 by Winters  Move lan.html to UNIX re RAC and general vs group inf
<!-- 17 Feb 94 by Winters  Add temporary outage warning re Addis -->
<!-- 18 Feb 94 by Winters  Upd L3 link (from Gopher to HTML) re Harv -->
<!-- 21 Feb 94 by Addis    Took out Feb 18-21 outage notice (logged by Winters 2
<!-- 28 Feb 94 by Winters  Upd ZEUS link, change HERA-H1 to H1 re Galic (and del
<!--  2 Mar 94 by Addis    Put conferences next summer before next year (logged
<!--  4 Mar 94 by Winters  Add WAN NAME, add " " around 3 NAME= and cap, cap S c
<!--  8 Mar 94 by Winters  Upd Delphi link re Galic -->
<!-- 18 Mar 94 by Winters  Upd link to SSC re Galic -->

```

SLAC WWW. VM Production Pages. PARTICLE.HTML
08/18/1992

SLAC ARCHIVES COLL 00-072
SERIES 2 SUBSERIES 2
BOX 6 FOLDER 15

```

          d          k
          d          k
          d          k
jj  m m mm    ddd d    eeee    k  k    eeee    n nnn
j   mm m  m  d   dd    e   e    k  k    e   e    nn   n
j   m  m  m  d   d    eeeee   k k    eeeee   n   n
j   m  m  m  d   d    e       kk k    e       n   n
j   m  m  m  d   dd    e   e    k  k    e   e    n   n
j   m  m  m    ddd d    eeee    k  k    eeee    n   n
j
j
j
jjj

```

```

                                     ll
                                     l
                                     l
p ppp      aaaa      r rrr      ttttt      ii      cccc      l      eeee
pp  p      a      rr   r      t      i      c   c      l      e   e
p  p      aaaaa      r      t      i      c      l      eeeee
p  p      a      a      r      t      i      c      l      e
pp  p      a      aa     r      t  t      i      c   c      l      e   e
p ppp      aaaa a      r      tt      iii     cccc      ll      eeee
p
p
p

```

```

ff      ll      00000      22222
f  f      l      0      0      2      2
f      l      0      00     2
f      l      oooo      r rrr      aaaa      0      0 0      2
fffff     l      o   o      rr   r      a      0 0 0      222
f      l      o   o      r      aaaaa      0 0      0      2
f      l      o   o      r      a      a      00      0      2
f      l      o   o      r      a      aa     0      0      2
f      ll      oooo      r      aaaa a      00000      2222222

```

Job: particle.html
Date: Tue Jun 30 15:38:33 1998

<TITLE>SLAC SPIRES </TITLE>
<NEXTID 2>
<H1>SLAC-SPIRES PARTICLES Database</H1>
<DL>
<DT><A NAME=0
HREF=http://slacvm.slac.stanford.edu/FIND/particles>Search
<DD>Perform search using standard SPIRES terms.
<DT><A NAME=1
HREF=http://slacvm.slac.stanford.edu/FIND/particle.help>Help
<DD>Get help for SPIRES
</DL>

SLAC WWW, VM Production Pages. PARTICLE, INDEX
09/23/1994

SLAC ARCHIVES COLL. 00-072
SERIES 2 SUBSERIES 2
BOX 6 FOLDER 16

```

          d          k
          d          k
          d          k
jj  m m mm    ddd d    eeee    k  k    eeee    n nnn
j   mm m  m  d   dd    e   e    k  k    e   e    nn   n
j   m  m  m  d   d    eeeee   k k    eeeee   n   n
j   m  m  m  d   d    e       kk k    e       n   n
j   m  m  m  d   dd    e   e    k  k    e   e    n   n
j   m  m  m    ddd d    eeee    k   k    eeee    n   n
j
j
jjj

```

```

          t          i          ll
          t          i          l
          t          i          l
p ppp    aaaa    r rrr    ttttt    ii    cccc    l    eeee
pp  p    a      rr   r    t        i    c   c    l    e   e
p  p    aaaaa   r        t        i    c        l    eeeee
p  p    a      a  r        t        i    c        l    e
pp  p    a      aa r        t t     i    c   c    l    e   e
p ppp    aaaa a  r        tt      iii   cccc    ll    eeee
p
p
p

```

```

ff      ll      00000    22222
f  f    l      0      0    2      2
f      l      0      00   2      2
f      l      oooo    r rrr    aaaa    0  0  0    2
fffff   l      o   o    rr   r    a      0  0  0    222
f      l      o   o    r      aaaaa  0  0  0    2
f      l      o   o    r      a      a  00   0    2
f      l      o   o    r      a      aa 0   0    2
f      ll    oooo    r      aaaa a  00000  2222222

```

Job: particle.index
Date: Tue Jun 30 13:44:39 1998

<TITLE>SLAC SPIRES PARTICLES</TITLE>

<h1>SLAC SPIRES: PARTICLES database search</h1>

This database is no longer available at SLAC.

Please, visit the

LBL Particle Data Group (PDG) WWW server, where you can find the full-text postscript version of the latest edition of the Review of Particle Properties (RPP).

To search the corresponding database,

use Telnet to reach

the PDG public access account at MUSE.LBL.GOV (or 131.243.48.11). Login as PDG_PUBLIC.

<P>

For additional information, suggestions, or comments, contact Gary Wagman, Particle Data Group 50-308, Lawrence Berkeley Lab, Berkeley, CA 94720, USA, or phone 510/486-6610. (E-mail: <i>GSWagman@LBL.GOV</i>).

<P>

See also the HEP-preprints database,

other SPIRES databases,

or the SLAC home page.

<P>

<address>qspi@slac.stanford.edu, 23 Sep 1994 </address>

SLAC 4444. VM Reduction Pages. PC. HTML
10/21/1994

SLAC ARCHIVES COLL 26-072
SERIES 2 SUBSERIES 2
BOX 6 FOLDER 17

```

      d      k
      d      k
      d      k
jj  m m mm   ddd d   eeee   k   k   eeee   n nnn
j  mm m  m   d  dd   e   e   k   k   e   e   nn   n
j  m  m  m   d    d   eeeee   k   k   eeeee   n   n
j  m  m  m   d    d   e       kk  k   e       n   n
j  m  m  m   d  dd   e   e   k   k   e   e   n   n
j  m  m  m   ddd d   eeee   k   k   eeee   n   n
j
j
jjj

```

```

      h      t      ll
      h      t      l
      h      t      l
p ppp      cccc      h hhh      ttttt      m m mm      l
pp  p      c   c      hh  h      t      mm m  m      l
p   p      c           h   h      t      m  m  m      l
p   p      c           h   h      t      m  m  m      l
pp  p      c   c      h   h      t  t      m  m  m      l
p ppp      cccc      h   h      tt      m  m  m      lll
p
p
p

```

```

ff      ll      00000      22222
f  f      l      0   0      2   2
f      l      0   00      2
f      l      0   0 0      2
fffff      l      oooo      r rrr      aaaa      0 0 0      222
f      l      o   o      rr  r      a      0 0 0      2
f      l      o   o      r      aaaa      0 0 0      2
f      l      o   o      r      a   aa      0   0      2
f      ll      oooo      r      aaaa a      00000      2222222

```

Job: pc.html
Date: Tue Jun 30 10:37:40 1998

<title>Introduction to PCs at SLAC</title>
 <h1>Introduction to PCs at SLAC</h1>
 <address>SLAC 21 Oct 1994</address>
 <p>
 This page is under construction.
 <p>
 PC users at SLAC share information, develop standards, and provide mutual support via the PC Support Group (PCSG). This has scheduled meetings the second and fourth Tuesdays of the month at 1:30 p.m. in the Computer Group Building, Conference Room B. Announcements, questions, and other information are also communicated via the SLAC newsgroup, <tt>slac.users.ibm-pc</tt>.
 <p>
 Then too, you may rummage about an OS/2 SLAC anonymous FTP server* for PC documentation, programs, and drivers, along with general interest files like images and government documents.
 <p>
 If you are planning to buy a PC, check out the recommended standard Terms used there are defined in the PCSG glossary or call Purchasing.
 <p>
 The public PC in the Lobby of the Computer Group Building contains locally a written tutorial. See the "Guide to Using OS/2 at SLAC" in HELP Information:SLAC.INF on the Desktop.
 <p>
 Don't forget to backup your disks. Use WDSF to backup your hard disk for now. Migration to ADSM, IBM's follow-on to WDSF, is planned in the next few months.
 <p>
 You may also find the general SLACwide computing introduction of interest.
 <h2>Information Sources Elsewhere</h2>
 To find out what's happening with the popular WWW GUI browser for PCs, NCSA Mosaic for Microsoft Windows, check its home page That contains material on viewers and other needed code, too.
 <p>
 Here're some other sources of useful information. The name on the left is a name the FAQ is known by.
 <p>
 <dl compact>
 <dt><dd>"OS/2 Frequently Asked Questions List: User's Edition (U.S. English)", which treats the fundamentals of hardware, software, and maintenance, along with aspects of current releases like OS/2 for Windows. Includes a list of anonymous FTP sites for OS/2 software.
 See also the related newsgroups,

```

<a HREF="news:comp.os.os2.misc"><tt>comp.os.os2.misc</tt></a> and
<a HREF="news:comp.os.os2.apps"><tt>comp.os.os2.apps</tt></a>.
<dt><a HREF="http://www.cis.ohio-state.edu/hypertext/faq/usenet/pcnfs-faq/top.ht
<dd>"NFS & TCP/IP FAQ for PCs and Macs".
Includes information on products to support the X Window System
and comparisons of TCP/IP implementations.
See also the related newsgroups,
<a HREF="news:comp.protocols.nfs"><tt>comp.protocols.nfs</tt></a> and
<a HREF="news:comp.protocols.tcp-ip.ibm"><tt>comp.protocols.tcp-ip.ibm</tt></a>
<dt><a HREF="http://www.cis.ohio-state.edu/hypertext/faq/usenet/windows-com-faq/
<dd>"The 16550A UART & TurboCom Drivers" FAQ on improving the
performance of network connections for Windows 3.0 (or later) or DOS.
See also the related newsgroups,
<a HREF="news:comp.dcom.modems"><tt>comp.dcom.modems</tt></a> and
<a HREF="news:comp.sys.ibm.pc.hardware.comm"><tt>comp.sys.ibm.pc.hardware.comm</
<dt><a HREF="http://www.cis.ohio-state.edu/hypertext/faq/usenet/msdos-archives/f
<dd>"Frequently Asked Questions of the InterNet newsgroups
<a HREF="news:comp.archives.msdos.announce"><tt>comp.archives.msdos.announce</tt>
<a HREF="news:comp.archives.msdos.d"><tt>comp.archives.msdos.d</tt></a>",
which treat MS-DOS
<a HREF="http://iicm.tu-graz.ac.at/T0x00005f18">PD</a>,
<a HREF="http://iicm.tu-graz.ac.at/A0x00006bc5">shareware</a>,
and other archived material.
<dt><a HREF="http://www.cis.ohio-state.edu/hypertext/faq/usenet/msdos-programmer
msdos-programmer-faq</a>
<dd>FAQ that focuses on language products and programming the hardware
for MS-DOS systems.
See also the related newsgroup,
<a HREF="news:comp.os.msdos.programmer"><tt>comp.os.msdos.programmer</tt></a>.
</dl>
<p>
You may also find the following sources useful:
IBM
<a HREF="gopher://index.almaden.ibm.com/">Almaden Research Center</a>.
<p>
<h2>Support</h2>
<p>
PCs at SLAC are supported by
<a HREF="http://www.slac.stanford.edu/usr/local/doc/PC/pcsg/names">PC Support Co
and the SCS PC Workstation Support staff.
<p>
<hr>
* Only the MidasWWW browser supports access to non-UNIX FTP servers
  like this.
<p>
<address>
<a HREF="binlist?find+name+dager,cathie(using+qspires">Cathie</a>;
<a HREF="binlist?find+name+winters,joan(using+qspires">Winters</a>
</address>

<!-- 1 Dec 93 by Winters Create with Cathie Dager -->
<!-- 10 Jan 94 by Winters Re-create with Cathie Dager, fleshing out -->
<!-- 12 Jan 94 by Winters Review with Cathie, name PCSCs, add slacvoid links to
<!-- 13 Jan 94 by Winters Add 4 sections on PC FAQs re WBJ (including links to
<!-- 24 Jan 94 by Winters Point to OS/2 servers in FAQ, clarify newsgroup links
<!-- fix ...misc/apps newsgroup typos -->
<!-- 26 Jan 94 by Winters Add backup section draft re Cathie -->
<!-- 2 Feb 94 by Winters Upd to agreement to rename slac.INF to SLAC.INF -->
<!-- 15 Feb 94 by Winters Add link to standard configs and ed SCS support text
<!-- 16 Feb 94 by Winters Add links to Greg's PC glossary and Cathie's updated

```

```
<!-- 17 Feb 94 by Winters  Add link to Almaden for OS/2, etc. -->
<!-- 10 Mar 94 by Winters  Add footnote on MidasWWW only for non-UNIX FTP server
<!-- 19 Apr 94 by Winters  Add item on NCSA Mosaic for MS Windows -->
<!-- 11 May 94 by WBJ Changed OS2SRV01 ftp references to http://www.slac.stanford.edu
<!-- 11 Oct 94 by ilse added note that configuration recommendations to be updated
<!-- 20 Oct 94 by Winters  Upd PC config link re GJM but to 1 file; upd IBM Almaden
<!-- 21 Oct 94 by Winters  Shorten standard-config to config cause std in dir -->
```

SLAC WWW. NM Production Pages. PRR ARCHIVES

SLAC ARCHIVES COLL 00-072
SERIES 2 SUBSERIES 2
BOX 6 FOLDER 18

```

      d
      d
      d
jjj  m m mm   ddd d   eeee   k   k   eeee   n nnn
j    mm m  m   d  dd   e     e   k  k   e     e   nn   n
j    m  m  m   d   d   eeeee   k k   eeeee   n   n
j    m  m  m   d   d   e       kk k   e       n   n
j    m  m  m   d  dd   e     e   k   k   e     e   n   n
j    m  m  m   ddd d   eeee   k     k   eeee   n   n
j
j
jjj

```

```

PPPPPP h
P      P h
P      P h
P      P h hhh   p ppp   aaaa   r rrr   cccc   h hhh   ii   v       v
PPPPPP hh   h   pp   p       a   rr   r   c   c   hh   h   i   v       v
P      h   h   p   p   aaaaa   r       c   c   h   h   i   v       v
P      h   h   p   p   a       a   r       c   c   h   h   i   v       v
P      h   h   pp   p   a       aa   r       c   c   h   h   i   v       v
P      h   h   p ppp   aaaa a   r       cccc   h   h   iii   v       v
      p
      p
      p

```

```

ff      11
f  f    1
f      1
f      1
ffffff  1   oooo   r rrr   aaaa   00000   33333
f      1   o   o   rr   r   a       0   0   3   3
f      1   o   o   r       aaaaa   0 0   0   3
f      1   o   o   r       a       a   00   0   3
f      1   o   o   r       a       aa   0   0   3   3
f      111   oooo   r       aaaa a   00000   33333

```

Job: Phparchives
Date: Tue Jun 23 14:26:04 1998

SLD BARTER SYSTEM

<p> Add a shift or block_of_shifts to the list of shifts to be bartered
<p>Enter Shift information for the shift you wish to barter.

A Shift Date should be entered ONLY
when you wish to barter a individual shift. <p>

If you wish to barter an entire block of shifts DO NOT
enter a shift date. The system will list all shifts
for the block you indicate in the SLD SHIFT BARTER LIST.

<p><h2> Look at your list of assigned shifts to find the shift block
number for your assigned shifts. </h2>

<p>

<form action="/FIND/SLD/ORACLE/SWAPADD">

Shift Block Number

<input SIZE=3 name="SHIFTBLOCK">

OR Shift Date

<input SIZE=10 name="SHIFTDATE">

 Shift (owl,swing,day)

<input SIZE=6 name="SHIFT">

 Position (E, NE, L, RC)

<input SIZE=3 name="POSITION">

Shift password

<input SIZE=10 type="PASSWORD" name="PASSWORD">

Note: Date format is DD-MON-YY (i.e. 01-OCT-94)

<p><input type="submit" value="Click to submit">

<p> <input TYPE="reset" VALUE="Click to Clear form">

</form>