Publications List
(selected)

Dr. F.Suekane
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RCNS, Tohoku University, Japan
APC/CNRS, France
(Last update 2018.03.21)

++ Publications ++

= 2017 =

*** Yields and production rates of 9Li and 8He measured with the Double Chooz near and far detectors**
Double Chooz, Feb 22, 2018. 15 pp.
arXive:1802.08048

*** Novel event classification based on spectral analysis of scintillation waveforms in Double Chooz**
Double Chooz Collaboration, Oct 11, 2017. 27 pp.
JINST 13 (2018) no.01, P01031, DOI: 10.1088/1748-0221/13/01/P01031

*** Technical Design Report (TDR): Searching for a Sterile Neutrino at J-PARC MLF (E56, JSNS2)**
JSNS^2 Collaboration, Oct. 27, 2016
arXive: 1705.08629 [physics.ins-det],

*** Cosmic-muon characterization and annual modulation measurement with Double Chooz detectors**
Double Chooz Collaboration,
JCAP 1702 (2017) no.02, 017, arXiv:1611.07845 [hep-ex], Nov. 23, 2016. 19 pp.

= 2016 =

*** Status Report (22th J-PARC PAC): Searching for a Sterile Neutrino at J-PARC MLF (E56, JSNS2)**
arXiv:1610.08186 [physics.ins-det], Oct 26, 2016. 20 pp.

*** Characterization of the Spontaneous Light Emission of the PMTs used in the Double Chooz Experiment**
Double Chooz Collaboration
JINST 11 (2016) no.08, P08001
arXiv:1604.06895 [physics.ins-det] Apr 23, 2016. 27 pp.

* **Hunt for Sterile Neutrinos: Decay at Rest Experiments**
Fumihiko Suekane
arXiv:1604.06190 [hep-ex] April 21, 2016
Proceedings for NuPhys2015.

* **A White Paper on keV Sterile Neutrino Dark Matter**
M. Drewes (ed.) (Munich, Tech. U.) *et al*.. Feb 15, 2016. 246 pp.
FERMILAB-PUB-16-068-T, arXiv:1602.04816 [hep-ph]

* **Double Chooz and a History of Reactor Theta13 Experiments**
F.Suekane, T.J.C. Bezerra for Double Chooz Collaboration
Nucl.Phys. B908 (2016) 74-93,
DOI: 10.1016/j.nuclphysb.2016.04.008
arXiv:1601.08041 [hep-ex],

* **Status Report for the 21th J-PARC PAC : Searching for a Sterile Neutrino at J-PARC MLF (J-PARC E56, JSNS2)**
M. Harada (JAERI, Tokai) *et al*.. Jan 5, 2016. 31 pp.
arXiv:1601.01046 [physics.ins-det]

= 2015 =

* **Muon capture on light isotopes in Double Chooz**
Double Chooz Collaboration
arXiv:1512.07562 [nucl-ex]

* **Measurement of θ13 in Double Chooz using neutron captures on hydrogen with novel background rejection techniques**
Double Chooz Collaboration
JHEP 1601 (2016) 163,
DOI: 10.1007/JHEP01(2016)163

* **Status Report for the 20th J-PARC PAC : A Search for Sterile Neutrino at J-PARC MLF (J-PARC E56, JSNS2)**
JSNS2 Collaboration
arXiv:1507.07076 [physics.ins-det]

* **On-site Background Measurements for the J-PARC E56 Experiment: A Search for Sterile Neutrino at J-PARC MLF**
by S.Ajimura et al.
arXiv:1502.06324 [physics.ins-det]

* **Sterile Neutrino Search Experiment at J-PARC MLF: JSNS²(J-PARC E56)**
E. Iwai, T. Maruyama, H. Furuta, F. Suekane
High Energy News, vol.34, No.1, May/2015
Comment: Written in Japanese.

* **Status Report (BKG measurement): A Search for Sterile Neutrino at J-PARC MLF**
by M.Harada et al.
arXiv:1502.02255 [physics.ins-det]

= 2014 =

* **Ortho-positronium observation in the Double Chooz Experiment**
by Double Chooz Collaboration,
JHEP 1410 (2014) 32.
DOI: 10.1007/JHEP10(2014)032

* **Improved measurements of the neutrino mixing angle $\theta 13$ with the Double Chooz detector,**
by Double Chooz Collaboration,
JHEP 1410 (2014) 86. [cite:169 as of 20170521]
DOI: 10.1007/JHEP10(2014)086

* **Precision Muon Reconstruction in Double Chooz**
by Double Chooz Collaboration,
NIM Phys.Res. A (2014)
DOI: 10.1016/j.nima.2014.07.058

* **Background-independent measurement of $\theta 13$ in Double Chooz**
by Double Chooz Collaboration,
PLB, 735 (2014), 51-56.
DOI: 10.1016/j.physletb.2014.04.045

* **Proposal: A Search for Sterile Neutrino at J-PARC Materials and Life Science Experimental Facility**
H.Harada et al.,
arXiv:1310.1437 [physics.ins-det]

= 2013=

* **Application of reactor antineutrinos: Neutrinos for peace**
F.Suekane, Nucl.Phys.Proc.Suppl.
235-236 (2013) 33-38.
DOI: 10.1016/j.nuclphysbps.2013.03.008

* **A Global Fit Determination of Effective Δm^2_{31} from Baseline Dependence of Reactor anti ν_e Disappearance**
T.J.C. Bezerra, H. Furuta, F. Suekane, T. Matsubara,
Phys.Lett. B725 (2013) 271-276.
DOI: 10.1016/j.physletb.2013.07.028

* **First Measurement of Theta13 from Delayed Neutron Capture on Hydrogen in the Double Chooz Experiment.**
by Double Chooz Collaboration.

Phys.Lett. B723 (2013) 66-70 [cite:127 as of 20170521]
DOI: 10.1016/j.physletb.2013.04.050

*** Direct measurement of backgrounds using reactor-off data in Double Chooz**
by Double Chooz Collaboration.
Phys. Rev. D87, 011102(R) (2013).
DOI: 10.1103/PhysRevD.87.011102

= 2012=

*** First test of Lorentz violation with a reactor-based antineutrino experiment**
by Double Chooz Collaboration.
Phys. Rev. D86, 112009(2012).
DOI: 10.1103/PhysRevD.86.112009
Comment: I was an internal reviewer of this paper.

*** Reactor antielectron neutrino disappearance in the Double Chooz experiment**
by Double Chooz Collaboration.
Phys. Rev. D86, 052008(2012). [cite:389 as of 20170521]
DOI: 10.1103/PhysRevD.86.052008

*** Measurement of Effective Δm^2_{31} using Baseline Differences of Daya Bay, RENO and Double Chooz Reactor Neutrino experiments**
by T.J.C.Bezerra, H.Furuta, F.Suekane.
arXive:1206.6017.

*** Indication for the disappearance of reactor electron antineutrinos in the Double Chooz experiment.**
by Double Chooz Collaboration.
Phys. Rev. Lett. 108(2012)131801. [cite:960 as of 20170521]
DOI: 10.1103/PhysRevLett.108.131801
Comment: The 1st reactor paper which indicated Theta13 is finite. Contributed mainly to the PMT system as Double Chooz Japan group leader.

*** Evaluation of 400 low background 10 inch photomultiplier tubes for the Double Chooz experiment.**
T.Matsubara et al. (DC-Japan group).
Nucl. Instrum. Meth. A661(2012)16-25.
DOI: 10.1016/j.nima.2011.09.023

*** A Study of Reactor Neutrino Monitoring at Experimental Fast Reactor JOYO.**
H.Furuta et al. (KASKA collaboration)
Nucl. Instrum. Meth. A662(2012)90-100.
DOI: 10.1016/j.nima.2011.09.045

*** A study of extraterrestrial antineutrino sources with the KamLAND detector.**
A.Gando et al. (KamLAND collaboration).
Astrophys. J. 745(2012)193.
DOI: 10.1088/0004-637X/745/2/193

= 2011 =

*** Constraints on θ13 from A Three Flavor Oscillation Analysis of Reactor Antineutrinos at KamLAND.**
A.Gando et al. (KamLAND collaboration).
Phys. Rev. D83 (2011) 052002. [cite:262 as of 20170521]
DOI: 10.1103/PhysRevD.83.052002

*** Pulse shape discrimination study with Gd loaded liquid scintillator for reactor neutrino monitoring**
H. Furuta, Y. Furuta, T. Niisato, A. Imura, T.J.C. Bezerra, F. Suekane.
IEEE conference proceedings
DOI: 10.1109/ANIMMA.2011.6172950

= 2010 =

*** Prospects of reactor neutrino experiments.**
by F.Suekane,
Prog.Part.Nucl.Phys.64:178-180,2010.
DOI: 10.1016/j.ppnp.2009.12.002

*** Production of Radioactive Isotopes through Cosmic Muon Spallation in KamLAND.**
By KamLAND Collaboration,
Phys.Rev.C81:025807,2010. [cite:138 as of 20170521]
DOI: 10.1103/PhysRevC.81.025807

*** The International Large Detector: Letter of Intent**
ILD concept group.,
arXiv:1006.3396 [hep-ex].[cite:192 as of 20170521]

= 2009 =

*** A High Precision Reactor Neutrino Detector for the Double Chooz Experiment.**
By Double Chooz Collaboration (Fumihiko Suekane *for the collaboration*).
Nucl. Instrum. Meth. A623(2010)440-441.
DOI: 10.1016/j.nima.2010.03.029

*** The KamLAND Full-Volume Calibration System.**
By KamLAND Collaboration,
JINST 4:P04017,2009.
DOI: 10.1088/1748-0221/4/04/P04017

= 2008 =

*** Precision Measurement of Neutrino Oscillation Parameters with KamLAND.**
KamLAND Collaboration,
Phys. Rev. Lett. ***100,*** *221803 (2008).* [cite:800 as of 20170521]
DOI: 10.1103/PhysRevLett.100.221803

= 2007 =

*** 原子炉θ_{13}実験 DoubleChooz**
(Reactor θ13 experiment; Double Chooz)
末包文彦
高エネルギーニュース, (2007),210-218
(High Energy News).

*** VPN based data acquisition system for KASKA prototype detector**
H. Furuta, F. Suekane, H. Tabata, Y. Tsuchiya, Y. SAKAMOTO
RT2007-PS2A010

= 2006 =

*** Precision electroweak measurements on the *Z* resonance**
ALEPH, DELPHI, L3, OPAL and SLD groups,
Phys.Rept. 427 (2006) 257-454. [cite:1599 as of 20170521]
DOI: 10.1016/j.physrep.2005.12.006
Comment: Contributed to the R&D and construction of SLD CRIC and VXD3 detector for high quality data.

*** 原子炉を用いたニュートリノ混合角θ_{13}の精密測定**
(Precise measurement of neutrino mixing angle θ13 using reactors.)
田村詔生、末包文彦、安田修 (N.Tamura, F.Suekane, O.Yasuda)
日本物理学会誌2006年11月号。解説 . (JPS journal, Nov.2006)

*** Letter of Intent for KASKA: High Accuracy Neutrino Oscillation Measurements with anti-nu_es from Kashiwazaki-Kariwa Nuclear Power Station**
KASKA Collaboration,
e-Print Archive: hep-ex/0607013, 2006. 86pages.

*** On-site underground background measurements for the KASKA reactor neutrino experiment**
KASKA Collaboration,
Nucle, Instr. Meth, A568, 710 (2006)
DOI: 10.1016/j.nima.2006.08.012

*** Reactor Neutrino Oscillations: KamLAND and KASKA.**
F.Suekane, Nucl. Phys. Proc.Suppl. 157:21-26, 2006
(proceedings for RADCOR06)
DOI: 10.1016/j.nuclphysbps.2006.03.004

*** A Simple model of reactor cores for reactor neutrino flux calculations for the KamLAND experiment.**
K.Nakajima, F.Suekane et al.
Nuclear Instrument and Method A569:837-844,2006.
DOI: 10.1016/j.nima.2006.09.088

*** KamLAND**
F.Suekane for the collaboration
Prog.Part.Nucl.Phys.57:106-126,2006 (Proceedings for Erice School)
DOI: 10.1016/j.ppnp.2005.12.008

*** Search for the invisible decay of neutrons with KamLAND.**
KamLAND Collaboration.
Phys.Rev.Lett.96:101802-101807,2006
DOI: 10.1103/PhysRevLett.96.101802

*** Systematic limit on $\sin^2 2\theta_{13}$ in neutrino oscillation experiments with multi- reactors.**
H.Sugiyama, O.Yasuda, F.Suekane, G.A.Horton-Smith
Physcal Review D,73,(2006),053008-1-053008-13
DOI: 10.1103/PhysRevD.73.053008

= 2005 =

*** Measurement of Neutrino Oscillation with KamLAND: Evidence of Spectral Distortion.**
KamLAND Collaboration ,
Phys.Rev.Lett.94:081801,2005.[cite:1298 as of 20170521]
DOI: 10.1103/PhysRevLett.94.081801

*** Experimental Investigation of Geologically Produced Antineutrinos with KamLAND**
KamLAND Collaboration,
Nature 436:499-503,2005 [cite:208 as of 20170521]
DOI: 10.1038/nature03980

*** KASKA; 原子炉による精密θ13測定計画**
(KASKA; A project to measure θ13 precisely using reactors)
末包文彦 (F.Suekane)
高エネルギー物理学研究者会議
高エネルギーニュース, 23(3),(2005),157-173
(High Energy News)

*** Direct measurements of A(b) and A(c) using vertex/kaon charge tags at SLD**
SLD collaboration,
Phys.Rev.Lett. 94 (2005) 091801
DOI: 10.1103/PhysRevLett.94.091801

= 2004 =

*** Status of KASKA: The Japanese Reactor $\sin^2 2\theta_{13}$ Project.**
KASKA Collaboration (F. Suekane for the collaboration). Jul 2004. 8pp.
Tokyo, Japan, 11-15 Feb 2004.
Published in *Tokyo 2004, Neutrino oscillations and their origin* 228-235

*** Online Monitoring System and Data Management for KamLAND.**
M. Motoki, F. Suekane, K. Tada, Y. Tsuda (Tohoku U.),. May 2004. 6pp.
Nucl.Instrum.Meth.A534:59-65,2004 (Proceedings)
DOI: 10.1016/j.nima.2004.07.059

*** An Overview of the KamLAND 1-Kiloton Liquid Scintillator.**
F. Suekane, T. Iwamoto, H. Ogawa, O. Tajima, H. Watanabe, the KamLAND RCNS Group. Apr 2004. 12pp.
Published in *Tsukuba 2003, Scintillating crystals* 279-290
e-Print Archive: physics/0404071 (Proceedings)

*** White Paper Report on Using Nuclear Reactors to Search for a Value of θ_{13}.**
K. Anderson, F.Suekane et al..,
e-Print Archive: hep-ex/0402041 [cite:213 as of 20170521]

*** A High Sensitivity Search for Anti-ν_e's from the Sun and Other Sources at KamLAND.**
KamLAND Collaboration,
Published in Phys.Rev.Lett.92:071301,2004.[cite:167 as of 20170521]
DOI: 10.1103/PhysRevLett.92.071301

= 2003 =

*** Precise Measurement of $\sin^2 2\theta_{13}$ Using Japanese Reactors.**
F. Suekane, K. Inoue, T. Araki, K. Jongok. Jun 2003. 8pp.
Published in *Kanazawa 2003, Neutrino oscillations and their origin* 155-162
e-Print Archive: hep-ex/0306029,

*** Reactor Measurement of θ_{13} and its Complementarity to Long Baseline Experiments**
.H. Minakata, H. Sugiyama, O. Yasuda, K. Inoue, F. Suekane
Phys.Rev.D68:033017,2003, Erratum-ibid.D70:059901,2004.
[cite:207 as of 20170521]
DOI: 10.1103/PhysRevD.68.033017, 10.1103/PhysRevD.70.059901
Comment: Motivated the reactor theta-13 experiments.

*** カムランドにおける原子炉ニュートリノ欠損の発見.**
(Discovery of reactor neutrino disappearance with KamLAND)
末包文彦、中島享 (F.Suekane, K.Nakajima)
日本原子力学会誌,2003 年 45 巻 10 月号 p27-32

(AESJ journal)

*** 原子炉ニュートリノの欠損を発見（翻訳）**
(Discovery of reactor neutrino disappearance (translation))
末包文彦 (F.Suekane)
パリティー(2003), (Parity, Maruzen)

*** カムランド： 原子炉ニュートリノ欠損現象の発見に至るまで**
(KamLAND: The way to the discovery of reactor neutrino disappearance)
白井淳平、末包文彦、井上邦雄 (J.Shirai, F.Suekane, K.Inoue)
.高エネルギーニュース,(2003)
(High Energy News)
Comment: Wrote R&D and construction of KamLAND.

* **Improved direct measurement of the parity violation parameter A(b) using a mass tag and momentum weighted track charge**
SLD collaboration
Phys.Rev.Lett. 90 (2003) 141804
DOI: 10.1103/PhysRevLett.90.141804

* **First results from KamLAND: Evidence for reactor anti-neutrino disappearance.**
By KamLAND Collaboration
Phys.Rev.Lett.90:021802,2003.[cite:2574 as of 20170521]
DOI: 10.1103/PhysRevLett.90.021802
Comment: This is my most cited paper. Contributed the KamLAND detector R&D and construction.

= 2002 =

*** Measurement of the b quark fragmentation function in Z0 decays**

SLD collaboration, PRD65 (2002) 092006, Erratum-ibid. D66 (2002) 079905.
[cite:116 as of 20170521]
DOI: 10.1103/PhysRevD.66.079905, 10.1103/PhysRevD.65.092006

*** Recent status of the KamLAND experiment**
F.Suekane for the KamLAND collaboration
Nucl.Phys.Proc.Suppl. 111 (2002) 128-132
DOI: 10.1016/S0920-5632(02)01694-8

*** Development of a large liquid scintillator for the KamLAND experiment**
K.Eguchi *et al*., KamLAND-Tohoku group
TOHOKU-RCNS-2002-001

= 2001 =

*** An Improved direct measurement of leptonic coupling asymmetries with polarized Z bosons.**
SLD collaboration.
Phys. Rev. Lett.,(86),(2001),1162-1166. [cite:51 as of 20170521]
DOI: 10.1103/PhysRevLett.88.151801

*** First symmetry tests in polarized Z0 decays to b anti-b g.**
SLD Collaboration.
Phys. Rev. Lett,(86),(2001),962-966.
DOI: 10.1103/PhysRevLett.86.962

= 2000 =

*** A High-Precision Measurement of the Left-Right ZBoson Cross-Section Asymmetry**
SLD collaboration.
Phys. Rev. Lett. vol. 84(2000) 5945. [cite:111 as of 20170521]
DOI: 10.1103/PhysRevLett.84.5945

*** First direct measurement of the parity violating coupling of the Z^0 to the s quark.**
SLD Collaboration.
Phys. Rev. Lett.,(85),(2000),5059-5063.
DOI: 10.1103/PhysRevLett.85.5059

*** Precise measurement of the b quark fragmentation function in Z0 boson decays.**
SLD Collaboration.
Phys.Rev.Lett.,(84),(2000),4300, [cite:82 as of 20170521]
DOI: 10.1103/PhysRevLett.84.4300

*** KamLAND計画とは何か？(What is KamLAND project?)**
末包文彦 (F.Sueakne)
パリティ（丸善）,(12),(2000),89-91 (Parity)

= 1999 =

*** KamLAND：巨大液体シンチレーター検出器による低エネルギーニュートリノ検出実験**
(KamLAND: An experiment to detect low energy neutrinos using very large volume liquid scintillator detector)
末包文彦、白井淳平、井上邦雄、古野貢一郎
(F.Suekane, J.Shirai, K.Inoue, K. Furuno)
高エネルギーニュース,18(1),(1999),9-25 (High Energy News)
Comment: Explains KamLAND project and its prospct.

*** Current performance of the SLD VXD3.**
SLD VXD3 Collaboration
Nucl.Instrum.Meth.A447:90-99,2000

DOI: 10.1016/S0168-9002(00)00176-5

*** An Improved test of the flavor independence of strong interactions**
SLD collaboration,
PRD59 (1999) 012002. [cite:54 as of 20170521]
DOI: 10.1103/PhysRevD.59.012002

*** Direct measurement of A(b) and A(c) at the Z^0 pole using a lepton tag.**
SLD Collaboration,
Phys,Rev.Lett.,(83),(1999),3384-3849
DOI: 10.1103/PhysRevLett.83.3384

*** Direct measurement of A(b) in Z0 decays using charged kaon tagging**
SLD Collaboration,
Phys.Rev.Lett. 83 (1999) 1902-1907
DOI: 10.1103/PhysRevLett.83.1902

***Production of π+, K+, K0, K*0, ϕ, p and Λ0 in hadronic Z0 decays**
SLD collaboration,
Phys.Rev. D59 (1999) 052001, [cite:133 as of 20170521]
DOI: 10.1103/PhysRevD.59.052001

= 1998 =

*** Measuring the Global Radioactivity in the Earth by Multi detector Antineutrino Spectroscopy**
R.S.Raghavan, S.Schoenert, S.Enomoto, J.Shirai, F.Suekane, A.Suzuki
Phys. Rev. Lett. vol.80, 635-638, (1998) [cite:99 as of 20170521]
DOI: 10.1103/PhysRevLett.80.635

*** A Measurement of R(B) Using a Vertex Mass Tag.**
SLD Collaboration,
Phys. Rev. Lett.,80,(1998),660-665. [cite:96 as of 20170521]
DOI: 10.1103/PhysRevLett.80.660

*** Initial Impact Parameter Resolution of the New SLD Vertex detector.**
SLD VXD3 group
Nucl. Instrum. Meth.,A409,(1998),243
DOI: 10.1016/S0168-9002(97)01271-0

*** The KamLAND project**
F.Suekane for the KamLAND collaboration
Proceedings for Symposium on New Era in Neutrino Physics, 11-12 Jun 1998. Tokyo, Japan

*** KamLAND: a liquid scintillator Anti-Neutrino Detector at the Kamioka site**
P.Alivisatos et al. (KamLAND collaboration)
Stanford-HEP-98-03, Tohoku-RCNS-98-15

*** A Direct measurement of parity violation in the coupling of Z0 bosons to b quarks using a mass tag and momentum weighted track charge**
SLD Collaboration,
Phys.Rev.Lett. 81 (1998) 942-946
DOI: 10.1103/PhysRevLett.81.942

= 1997 =

*** The 1000-ton liquid scintillation detector project at Kamioka (Kam-Land)**
F.Suekane
AIP Conf.Proc. 412 (1997) 969-975

*** 電子・陽電子衝突実験SLDにおける高偏極Z⁰粒子の物理**
(Physics with highly polarized Z0 particle at electron positron colliding experiment SLD)
末包文彦、増田裕昭、阿部建二
(F.Suekane, H.Masuda, K.Abe)
日本物理学会誌,52(4),(1997),239-247
(JPS journal)

*** First measurement of the left-right charge asymmetry in hadronic Z boson decays and a new determination of $\sin^2\theta_W^{eff}$**
SLD Collaboration,
Phys.Rev.Lett. 78 (1997) 17-21
DOI: 10.1103/PhysRevLett.78.17

*** An Improved Measurement of the Left-Right Z0 Cross-section Asymmetry.**
SLD Collaboration.
Phys. Rev. Lett.,78,(1997),2075-2079. [cite:66 as of 20170521]
DOI: 10.1103/PhysRevLett.78.2075

*** The SLD VXD3 Detector and Its Initial Performance.**
F.Suekane for SLD VXD3 group.
Nucl. Instrum. Meth. A,386,(1997),46-51
DOI: 10.1016/S0168-9002(96)01094-7

*** Design and performance of the SLD vertex detector: a 307 Mega pixel tracking system**
SLD VXD3 group,
Nucl. Instrum and Meth. A 400 (1997) 287-343.[cite:158 as of 20170521]
DOI: 10.1016/S0168-9002(97)01011-5
Comment: Wrote section on cluster processor and a part of electronics.

*** Measurement of the B^+ and B^0 lifetimes using topological reconstruction of inclusive and semileptonic decays**
SLD collaboration,
Phys.Rev.Lett. 79 (1997) 590-596. [cite:58 as of 20170521]

DOI: 10.1103/PhysRevLett.79.590

*** Direct Measurement of Leptonic Coupling Asymmetries with Polarized Zs.**
SLD collaboration
Phys. Rev. Lett.,79,(1997),804-808
DOI: 10.1103/PhysRevLett.79.804

*** Measurement of the Tau-Neutrino Helicity and the Michel Parameters in Polarized e+ e- Collisions.**
SLD Collaboration
Phys. Rev. Lett.,78,(1997),4691-4696
DOI: 10.1103/PhysRevLett.78.4691

*** Measurement of Leading Particle Effects in Decays of Z0 Bosons into Light Flavors.**
SLD Collaboration
Phys. Rev. Lett.,78,(1997),3442-3446
DOI: 10.1103/PhysRevLett.78.3442

= 1996 =

*** Measurement of R_b with impact parameters and displaced vertices.**
SLD collaboration.
Phys. Rev. D. vol.53(1996)1023.[cite:144 as of 20170521]
DOI: 10.1103/PhysRevD.53.1023

*** Measurement of the charged multiplicities in b, c and light quark events from Z0 decays**
SLD collaboration.
Phys.Lett. B386 (1996) 475-485
DOI: 10.1016/0370-2693(96)01025-8

*** Operational experience with the SLD CRID at the SLC**
SLD CRID group
Nucl.Instrum.Meth. A379 (1996) 442-443
DOI: 10.1016/0168-9002(96)00606-7

*** Obtaining physics results from the SLD CRID**
SLD CRID group
Nucl.Instrum.Meth. A371 (1996) 195-199
DOI: 10.1016/0168-9002(95)01156-0

*** Factorial and cumulant moments in e+ e- ---> hadrons at the Z0 resonance**
SLD collaboration.
Phys.Lett. B371 (1996) 149-156 [cite:50 as of 20170521]
DOI: 10.1016/0370-2693(96)00046-9

*** First study of rapidity gaps in e+ e- annihilation**
SLD collaboration.
Phys.Rev.Lett. 76 (1996) 4886-4890

DOI: 10.1103/PhysRevLett.76.4886

*** A Test of the flavor independence of strong interactions**
SLD collaboration.
Phys.Rev. D53 (1996) 2271-2275
DOI: 10.1103/PhysRevD.53.2271

= 1995 =

*** Measurement of the left-right forward - backward asymmetry for charm quarks with D^{*+} and D^{+} mesons**
By SLD Collaboration .
Phys.Rev.Lett. 75 (1995) 3609-3613
DOI: 10.1103/PhysRevLett.75.3609

*** Measurement of A(b) and A(c) from the left-right forward - backward asymmetry of leptons in hadronic events at the Z^{0} resonance**
By SLD Collaboration .
Phys.Rev.Lett. 74 (1995) 2895-2899 [cite:50 as of 20170521]
DOI: 10.1103/PhysRevLett.74.2895

*** Measurement of A(b) from the left-right forward - backward asymmetry of b quark production in Z0 decays using a momentum weighted track charge technique.**
By SLD Collaboration .
Phys.Rev.Lett.74:2890-2894,1995
DOI: 10.1103/PhysRevLett.74.2890

*** Measurement of $\alpha_s(M_z^2)$ from hadronic event observables at the Z^{0} resonance**
By SLD Collaboration .
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