B-L Workshop Program (September 20-22, 2007 @ LBL)

September 14, 2007

	Speaker	Affiliation	Tentative title	Time
				min
	Introduction			
1	Lincoln Wolfenstein	CMU	B,L violation Theoretical Overview	**20**
2	Kevin Lesko	LBL	DUSEL/Homestake Physics Overview	**20**
	Theory			
	Baryon number violation			
3	Rabindra Mohapatra	UMD	N-Nbar theory	**20**
4	Gregory Gabadadze	NYU	non-conservation of global charges at LQG scale	**20**
5	Robert Shrock	SUNY SB	From 6 quarks to NNbar	**20**
6	Jogesh Pati	SLAC	Proton Decay: The Missing Link	**20**
7	Pran Nath	NEU	proton decay in SUSY GUTs	**20**
8	Bhaskar Dutta	Texas A&M	Neutrino masses and proton decay in SO(10)	**20**
	Grand Unification			
9	Stuart Raby	OSU	Unification and B-L violation in String Theory	**20**
10	Nobuchika Okada	KEK, Tsukuba	Diquark production at LHC	**20**
11	Takeshi Fukuyama	Ritsumeikan U.	SO(10) and Proton Decay	**20**
12	Sören Wiesenfeldt	UIUC	Neutrino Masses and Proton Decay in Minimal Trinification	**20**
	Lepton Number Violation			
13	Boris Kayser	FNAL	Neutrinoless double beta decay and neutrino mass	**20**
14	Sergey Petcov	SISSA,Trieste	Neutrino mass	**20**
15	Martin Hirsch	Valencia U.	Heavy particle contributions to double beta decay	**20**
	Leptogenesis and Baryogenesis			
16	Alexandre Dolgov	Ferrara, ITEP	B and L violation in Models of baryogenesis	**20**
17	Kaladi Babu	OSU	Post-Sphaleron Baryogenesis	**20**
18	Pasquale di Bari	Munich, MPI	Leptogenesis and more	**20**
	Lepton Flavor Violation			
19	Kazuhiro Tobe	Tohoku U.	Lepton flavor violation in new physics models	**20**
20	Bill Molzon	UC Irvine	Mu-e conversion	**20**
21	Vladimir Savinov	U of Pittsburgh	LFV in decays of Upsilon mesons in CLEO	**20**
22	Michele Veltri	U.Urbino	Testing lepton universality with Kaon decays (NA-48)	**20**
	Sterile Neutrinos and Mirror Matter			
23	Zurab Berezhiani	Ferrara	neutron to mirror neutron transitions	**20**
24	Alexander Kusenko	UCLA	B-L in baryogenesis	**20**
25	Marco Laveder	Padova	sterile neutrinos as mirror matter	**20**
26	P.Q. Hung	Virginia U.	A Model of electroweak-scale right-handed neutrino mass	**20**
	Gravity, Relic Neutrinos and New Ideas			
27	Asimina Arvanitaki	Stanford U	Physics with Cold Atoms	**20**
28	Motohiko Yoshimura	Okayama U	Towards neutrino spectroscopy and measuring relic neutrino	**20**
29	Cosimo Bambi	INFN, Ferrara	Black holes and rare decays in LQG scale models	**20**
30	Jonathan Walsh	U.Washington	B-L and Neutrino Oscillations	**20**
	Nuclear Effects			
31	Avraham Gal	Hebrew U	nuclear nnbar suppression	**20**
32	Boris Kerbikov	ITEP	UCN coherency and n->n' oscillations	**20**

	Speaker	Affiliation	Tentative title	Time
	Experiment			
	Baryon Number Violation Search			
33	Masato Shiozawa	Tokyo	Nucleon decay in Super-K	**20**
34	Milind Diwan	BNL	DUSEL large underground detectors	**20**
35	Chiaki Yanagisawa	SUNY Stony Brook	Physics Potential of UNO	**20**
36	Ken Ganezer	CSUDH	NNbar search result in SK	**20**
37	W.Mike Snow	Indiana U	NNbar with cold neutron beams	**20**
38	Yuri Kamyshkov	UTK	B-L violation search with neutrons	**20**
39	Albert Young	NCSU	NNbar search with UCN	**20**
40	Yasuhiro Masuda	KEK	UCN	**20**
41	Hirohiko Shimizu	KEK	Slow neutron optics for a long distance free flight	**20**
42	Alexandre Kozlov	Tohoku U.	neutron disappearance in KamLAND	**20**
43	Marc Bergevin	U. of Guelph&LBL	NNbar search in SNO	**15**
44	Marc Bergevin	U. of Guelph&LBL	neutron disappearance in SNO	**15**
45	Vladimir Tretyak	Kiev	B, L violation search with nuclei	**20**
	Lepton Number Violation Search			
46	Bill Louis	LANL	Results of mini-Boone experiment	**20**
47	Steve Elliott	LANL	2b0nu decay and Majorana Experiment	**20**
48	Xiang Liu	MPI Munchen	GERDA Experiment	**20**
49	Matt Green	Stanford U	EXO experiment	**20**
50	Frank Avignone	SC	CUORICINO Experiment	**20**
51	Huaizhang Deng	U. Penn	Neutrinoless Double Beta Decay in SNO+	**20**
52	Alexandre Barabash	ITEP	NEMO and SuperNEMO double beta decay experiments	**20**
	B-L Violation Search			
53	Kam-Bui Luk	UCB	(B-L) violation search in hyperon decays	**20**
54	Sanjay Swain	SLAC	Search for Baryon and Lepton Number violation in BaBar	**20**
55	Toru Iijima	Nagoya U	Search for B, L number and LF violations at Belle and Super-Belle	**20**
	Mirror matter search			
56	Anatoly Serebrov	PNPI	Present status and future prospects of n->n' search	**20**
57	Ulrich Schmidt	Heidelberg	new limit for neutron->mirror neutron transition	**20**
58	Andreas Knecht	PSI,Zürich	A direct exp limit on n-n' transition with UCN	**20**
	Gravity Tests			
59	Mark Kasevich	Stanford U	Atomic Interferometry for gravity wave detection	**20**
	New Physics at LHC and ILC			
60	Vladimir Savinov	U of Pittsburgh	search of B and L violation at LHC	**20**
61	Sally Dawson	BNL	new physics at ILC/LHC	**20**
	Summary talks			
62	G. Gratta	Stanford	Experimental Summary	**40**
63	H. Murayama	LBL	Theoretical Summary	**40**