

Japanese PDG Collaboration

Kaoru Hagiwara (KEK)

Brief history

1974 KEK-PDG

1986 Funding from Japan-US Program

1986-90 Kasuke Takahashi

1991-96 Yoshio Oyanagi

1997- Ken-ichi Hikasa

1997 Mirror site at KEK

Present Collaborators: K. Hagiwara (KEK), K. Hikasa (Tohoku), H. Murayama, K. Nakamura (IPMU Tokyo), M. Tanabashi (Nagoya), T. Watari (Tokyo)

RPP Sections in charge

- ❖ Neutrinos (non-accelerator)
- ❖ Top, new quarks
- ❖ Higgs bosons
- ❖ Heavy bosons (W' , Z' , leptoquarks, etc.)
- ❖ Technicolor
- ❖ Compositeness (contact int., excited q/l, etc.)
- ❖ WIMPS (general)
- ❖ Other searches
- ❖ (formerly Supersymmetry, Light bosons)

Encoders

Name	Period	Present activity
K. Hagiwara	1986-91, 94-	Top, 4th Gen. Quarks
K. Hikasa	1989-	Higgs, WIMPs, Other Searches
H. Murayama	1992-	
M. Tanabashi	1994-	Heavy Bosons, Technicolor, Compositeness
K. Nakamura	1995-	Neutrinos

In addition, T. Watari oversees the Heavy Boson section.

Papers examined

code	section	encoder	2005 papers	2006 papers	2007 papers
S005	neutrino mixing	Nakamura	11	9	0
S007	# of neutrinos	Nakamura	0	1	0
S067	cosmic neutrinos	Nakamura	-	-	2
Q007	top quark	Hagiwara	9	16	16
Q008	fourth generation	Hagiwara	0	0	2
S055	Higgs bosons	Hikasa	16	14	8
S056	heavy bosons	Tanabashi	12	12	11
S054	compositeness	Tanabashi	1	6	1
S057	technicolor	Tanabashi	1	1	1
S030	other searches	Hikasa	35	22	38
total # of papers examined			85	81	79

Japan-US Program

PDG-Japan Budget: Rather stable for ten years, despite the total budget of the program was reduced

2004 JPY11M

2005 JPY12M

2006 JPY12M

2007 JPY12M + 3M

2008 JPY12M

*Japanese fiscal year 2008: April 2008-March 2009