

# PDG Reviews Responsibilities

PDG review responsibilities as of February 28, 2018. Please refer to the *Responsibility* or *Reviews* tools in *Pdg-Workspace* for the current assignment of review responsibilities.

Overseer	Coordinator	Review title and authors
Agashe	Barnett	Dynamical Electroweak Symmetry Breaking: Implications of the H0 (rev.) K. Black, R.S. Chivukula, M. Narain
Barnett		Axions and other Similar Particles (rev.) A. Ringwald, L. Rosenberg, G. Rybka
Barnett		Electroweak Model and Constraints on New Physics J. Erler, A. Freitas
Barnett		Extra Dimensions (rev.) Y. Gershtein, A. Pomarol
Barnett		Grand Unified Theories A. Hebecker, J. Hisano
Barnett		Higgs Bosons: Theory and Searches M. Carena, C. Grojean, M. Kado, V. Sharma
Barnett		Kinematics (rev.) D. Tovey
Barnett		Lattice QCD (rev.) S. Hashimoto, J. Laiho, S. Sharpe
Barnett		Leptonic Decays of Charged Pseudoscalar Mesons J. Rosner, S.L. Stone, R. Van de Water
Barnett		Leptoquarks (rev.) S. Rolli, M. Tanabashi
Barnett		Online Particle Physics Information (rev.) A. Holtkamp, M. Moskvic
Barnett		Quantum Chromodynamics (rev.) S. Bethke, G. Dissertori, G.P. Salam
Barnett		Quark Masses A.V. Manohar
Barnett		Supersymmetric Model Assumptions R.M. Barnett
Barnett		Supersymmetry, Part I (Theory) (rev.) H.E. Haber
Barnett		Supersymmetry, Part II. (Experiment) (rev.) O. Buchmuller, P. de Jong
Barnett		The CKM Quark-Mixing Matrix A. Ceccucci, Z. Ligeti, Y. Sakai
Barnett		W'-Boson Searches

Barnett		B. Dobrescu, S. Willocq Z'-Boson Searches M.-C. Chen, B. Dobrescu, S. Willocq
Bauer	Yao	MC Event Generators P. Nason, P. Skands
Beringer		Introduction J. Beringer
Beringer	Beringer	Resonances (rev.) D.M. Asner, C. Hanhart, E. Klempt
Bettini	Beringer	Free Quark Searches J. Beringer
Dwyer		Form Factors for Radiative Pion and Kaon Decays (rev.) M.A. Bychkov, G. D'Ambrosio
Dwyer		Monte Carlo Techniques G. Cowan
Dwyer		Particle Detectors at accelerators (rev.) G. Aielli, D. Chakraborty, D.E. Groom, K.F. Johnson, C. Lippmann, Y. Makida, P. Nevski, B.N. Ratcliff, A. Romaniouk, F. Sauli, H. Spieler, T. Sumiyoshi, M. Titov, W. Walkowiak, M.O. Wascko, C. Woody, R.-Y. Zhu
Dwyer		Particle Detectors for non-accelerator physics (rev.) J. Holder, K. Irwin, U. Katz, S. Klein, A. Piepke, K. Scholberg, T. Shutt, C. Spiering, C.W. Walter, L. Wiencke
Dwyer		Probability (rev.) G. Cowan
Dwyer		Statistics (rev.) G. Cowan
Eidelman	Beringer	K*(892) Masses and Mass Differences S. Eidelman
Eidelman	Beringer	Non-qqbar Mesons (rev.) C. Amsler, C. Hanhart
Eidelman	Beringer	Note on Scalar Mesons below 2 GeV (rev.) C. Amsler, S. Eidelman, T. Gutsche, C. Hanhart, S. Spanier
Eidelman	Beringer	Spectroscopy of mesons containing two heavy quarks S. Eidelman, C. Hanhart, B. Heltsley, J. J. Hernández-Rey, R. Mitchell, S. Navas, C. Patrignani
Eidelman	Beringer	The Bottomonium System S. Eidelman
Eidelman	Beringer	The Charmonium System S. Eidelman
Eidelman	Beringer	The Pseudoscalar and Pseudovector Mesons in the 1400 MeV Region (rev.) C. Amsler, A. Masoni
Eidelman	Beringer	The rho(1450) and rho(1700) S. Eidelman, G. Venanzoni

Eidelman	Beringer	The rho(770) S. Eidelman, G. Venanzoni
Eidelman	Beringer	Width Determination of the Upsilon States S. Eidelman
Grab	Lin	Muon Decay Parameters W. Fetscher, H.-J. Gerber
Groom		Astrophysical Constants and Parameters D.E. Groom, D. Scott
Groom		Atomic and Nuclear Properties of Materials (rev.) D.E. Groom
Groom		Commonly Used Radioactive Sources R. Firestone
Groom		Cosmic Rays (rev.) J. Beatty, J. Matthews, S. Wakely
Groom		Electromagnetic Relations H. Spieler
Groom		Experimental Tests of Gravitational Theory (rev.) T. Damour
Groom		Passage of Particle through Matter (rev.) H. Bichsel, D.E. Groom, S. Klein
Groom		Periodic Table of the Elements (rev.) D.E. Groom
Groom		Radioactivity and Radiation Protection S. Roesler, M. Silari
Grunewald, Gurtu	Barnett	Anomalous W/Z Quartic Couplings (rev.) M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	Anomalous Z Z gamma, Z gamma gamma, and Z Z V Couplings M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	Extraction of Triple Gauge Couplings (TGC's) (rev.) M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	The Mass and Width of the W Boson M. Grunewald, A. Gurtu
Grunewald, Gurtu	Barnett	The Z Boson M. Grunewald, A. Gurtu
Lin		Baryon Decay Parameters NO ACTIVE AUTHOR
Lin		CP Violation in K(L)0 Decays C.-J. Lin
Lin		CP Violation in K(S)0 $\rightarrow$ 3pi NO ACTIVE AUTHOR
Lin		CPT Invariance Tests in Neutral Kaon Decay M. Antonelli, G. D'Ambrosio
Lin		Dalitz Plot Parameters for K $\rightarrow$ 3pi Decays NO ACTIVE AUTHOR
Lin		DeltaS = DeltaQ in K0 Decays

		C.-J. Lin
Lin		History Plots C.-J. Lin
Lin		Introduction to Three-Neutrino Mixing Parameters Listing (rev.) M. Goodman
Lin		Introduction to the Neutrino Properties Listings A. Piepke, P. Vogel
Lin		Introductory Text to Neutrino Mixing M. Goodman
Lin		$K^{*+}(\text{lepton3})$ and $K^{*0}(\text{lepton3})$ Form Factors C.-J. Lin
Lin		Monte Carlo Neutrino Generators (rev.) H. Gallagher, Y. Hayato
Lin		Neutrino Cross Section Measurements (rev.) G.P. Zeller
Lin		Neutrino Mass, Mixing, and Flavor Change H. Murayama, K. Nakamura, S.T. Petcov
Lin		Neutrino beam lines at high-energy synchrotrons C.-J. Lin
Lin		Neutrinoless Double-beta Decay (rev.) A. Piepke, P. Vogel
Lin		Plots of Cross Sections and Related Quantities V.I. Belousov, O. Biebel, V.V. Ezhela, A.A. Godizov, M. Grünewald, V.A. Petrov, R.A. Ryutin, N.P. Tkachenko, D.R. Ward, O.V. Zenin
Lin		Radiative Hyperon Decays NO ACTIVE AUTHOR
Lin		Rare Kaon Decays (rev.) L. Littenberg, G. Valencia
Lin		Structure Functions (rev.) B. Foster, R.S. Thorne, M. Vinciter
Lin		Structure Functions &#151; additional figures (rev.) B. Foster, A. Martin, R.S. Thorne, M. Vinciter
Lin		Sum of Neutrino Masses (rev.) K. Olive
Lin		The Charged Kaon Mass NO ACTIVE AUTHOR
Lin		The Muon Anomalous Magnetic Moment A. Höcker, W.J. Marciano
Lin		The Number of Light Neutrino Types from Collider Experiments NO ACTIVE AUTHOR
Lin		$V(\text{ud})$ , $V(\text{us})$ the Cabibbo Angle, and CKM Unitarity E. Blucher, W.J. Marciano
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Milstead	Barnett	Fragmentation Functions in $e^+e^-$ , $e p$ , and $p p$ Collisions (rev.) O. Biebel, D. de Florian, D. Milstead, A. Vogt
Milstead	Barnett	Magnetic Monopoles (rev.) D. Milstead, E.J. Weinberg
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Moenig	Pianori	tau Branching Fractions (rev.) Sw. Banerjee, A. Lusiani
Moenig	Pianori	tau-Lepton Decay Parameters A. Stahl
Olive	Barnett	Inflation (new) J. Ellis, D. Wands
Olive	Barnett, Groom	Big-Bang Cosmology (rev.) K. Olive, J.A. Peacock
Olive	Barnett, Groom	Big-Bang Nucleosynthesis (rev.) B. Fields, P. Molaro, S. Sarkar
Olive	Barnett, Groom	Cosmic Microwave Background (rev.) D. Scott, G.F. Smoot
Olive	Barnett, Groom	Dark Energy (rev.) D.H. Weinberg, M. White
Olive	Barnett, Groom	Dark Matter (rev.) M. Drees, G. Gerbier
Olive	Barnett, Groom	Neutrinos in Cosmology J. Lesgourgues, L. Verde
Olive	Barnett, Groom	The Cosmological Parameters (rev.) O. Lahav, A. Liddle
Pianori		Accelerator Physics of Colliders (rev.) M.J. Syphers, F. Zimmermann
Pianori		High-Energy Collider Parameters NO ACTIVE AUTHOR
Pianori		Monte Carlo Particle Numbering Scheme (rev.) L. Garren, F. Krauss, C.-J. Lin, S. Navas, P. Richardson, T. Sjöstrand
Pianori		Naming Scheme for Hadrons V. Burkert, S. Eidelman, C. Hanhart, B. Heltsley, E. Klempt, R. Mitchell, M. Pennington, U. Thoma, L. Tiator, R. Workman
Pianori		Tests of Conservation Laws E. Pianori
Terning	Barnett	Searches for Quark and Lepton Compositeness (rev.) K. Hikasa, M. Tanabashi, K. Terashi, N. Varelas
Wohl		Baryon Magnetic Moments C.G. Wohl
Wohl		Charmed Baryons (rev.) C.G. Wohl
Wohl		Clebsch-Gordan Coefficients, Spherical Harmonics, and d Functions NO ACTIVE AUTHOR
Wohl		D(s)+ Branching Fractions (rev.) J. Rosner, C.G. Wohl
Wohl		Electronic Structure of the Elements NO ACTIVE AUTHOR
Wohl		International System of Units (SI)

		NO ACTIVE AUTHOR
Wohl		Lambda and Sigma Resonances C.G. Wohl
Wohl		Physical Constants (rev.) C.G. Wohl
Wohl		SU(3) Isoscalar Factors and Representation Matrices NO ACTIVE AUTHOR
Wohl		SU(n) Multiplets and Young Diagrams C.G. Wohl
Wohl		The Sigma(1670) Region C.G. Wohl
Wohl		Xi Resonances C.G. Wohl
Workman	Dwyer	N and Delta Resonances (rev.) V. Burkert, E. Klempt, M. Pennington, U. Thoma, L. Tiator, R. Workman
Workman	Dwyer	Pole Structure of the Lambda(1405) Region (new) T. Hyodo, U.-G. Meißner
Yao		A Note on HFAG Activities (rev.) T. Gershon, A. Schwartz
Yao		B <sub>0</sub> – B̄ <sub>0</sub> Mixing O. Schneider
Yao		CP Violation in the Quark Sector (rev.) T. Gershon, Y. Nir
Yao		Cross-Section Formulae for Specific Processes H. Baer, R.N. Cahn
Yao		D <sub>0</sub> – D̄ <sub>0</sub> Mixing (rev.) D.M. Asner
Yao		HQET and SCET (rev.) C. Bauer, M. Neubert
Yao		Polarization in B Decays (rev.) A.V. Gritsan, J. Smith
Yao		Production and Decay of b-flavored Hadrons P. Eerola, M. Kreps, Y. Kwon
Yao		Quark Model (rev.) C. Amsler, T. DeGrand, B. Krusche
Yao		Review on Multibody Charm Analyses (rev.) D.M. Asner, J. Rademacker
Yao		Semileptonic B meson decays and the determination of V(cb) and V(ub) (rev.) R. Kowalewski, T. Mannel
Yao		The Top Quark (rev.) T. Liss, F. Maltoni, A. Quadt
Yao	Yao	WIMPs and Other Particles Searches H. Baer, K. Hikasa
Zhu	Barnett	Pentaquarks

Zyla

Beringer

Branching Ratio of  $\psi(2S)$  and  $\chi(c)0(,1,2)$  (rev.)  
J. J. Hernández-Rey, S. Navas, C. Patrignani

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