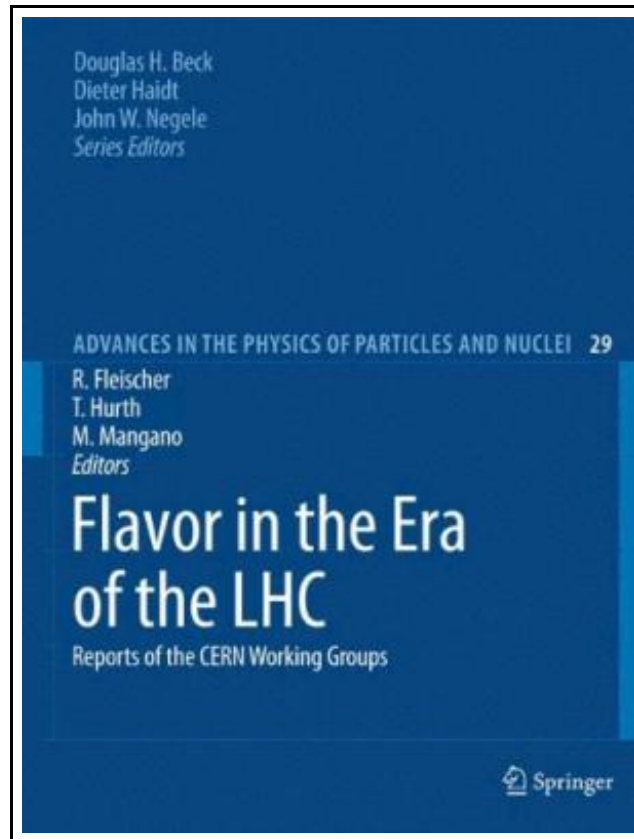


Flavor in the Era of the LHC: Reports of the CERN Working Groups



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Reviews

Thorough guideline! Its this type of good read. It is really simplistic but shocks from the 50 percent from the publication. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Sallie Wiegand)

FLAVOR IN THE ERA OF THE LHC: REPORTS OF THE CERN WORKING GROUPS



Springer. Hardcover. Book Condition: New. Hardcover. 480 pages. Dimensions: 11.2in. x 8.4in. x 1.3in. a R. Fleischer, T. Hurth, M. L. Mangano Physics Department, CERN, 1211 Geneva, Switzerland In the history of quantum and particle physics, discrete system. In this past decade, the key player has been the B-meson system, and we also witnessed the appearance on symmetries and their violation have played an outstanding role. First, the assumption of the conservation of P (parity), stage of the top quark. Thanks to the e B factories with C (charge conjugation), CP and CPT (T denotes time reversal) their detectors BaBar (SLAC) and Belle (KEK), CP violation is now also firmly seen in B-meson decays, where the sal) helped theorists to restrict theoretical predictions, such as 0 golden decay B JK shows CP-violating effects as in Fermi's 1934 seminal paper on weak interactions. In S d at the level of 70. These effects can be translated into the 1957, the observation of P (and C) violation in weak interaction angle of the unitarity triangle (UT), which characterizes actions gave a new impact and led to the conjecture that CP the KobayashiMaskawa mechanism of CP violation. S- was still a conserved symmetry. In 1963, one year before the strategies to determine the other angles of the triangle, the surprising observation of CP violation in K L and , have been proposed and successfully applied to decays, the concept of quark flavour mixing was introduced the B-factory data. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Hardcover.



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