

1. Record Nr.	UNISA996397444503316
Autore	Huit Ephraim <d. 1644.>
Titolo	The whole prophecie of Daniel explained, by a paraphrase, analysis and briefe comment [[electronic resource]] : wherein the severall visions shewed to the prophet are clearly interpreted, and the application thereof vindicated against dissenting opinions // by Ephraim Huit .
Pubbl/distr/stampa	[London], : Printed for Henry Overton ..., MDCXLIII [1643]
Descrizione fisica	[4], 358 [i.e. 368] p., [11] leaves of plates (10 folded) : ill
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Tables. Errors in paging: p. 137 misprinted 143; p. 343-352 repeated in numbering. Reproduction of original in Union Theological Seminary Library, New York.
Sommario/riassunto	eebo-0160

2. Record Nr.	UNINA9911002552203321
Autore	Mondal Spandan
Titolo	Charming Decays of the Higgs, Z, and W Bosons : Development and Deployment of a New Calibration Method for Charm Jet Identification / / by Spandan Mondal
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031846779
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XVI, 160 p. 50 illus., 44 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	539.72
Soggetti	Particles (Nuclear physics) Quantum field theory Particle accelerators Particle Physics Elementary Particles, Quantum Field Theory Accelerator Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- The Standard Model -- Experimental setup -- Data analysis technologies -- Physics object definitions -- Flavour tagging -- Charm tagger calibration -- Analysis strategy -- The VHcc, VZcc, and VWcq analyses -- Signal extraction -- Conclusion.
Sommario/riassunto	This book presents searches for the Higgs boson, Z boson, and W boson decaying into charm quark(s) performed with proton-proton collision data at $s = 13\text{TeV}$ collected by the CMS experiment at the LHC, CERN, corresponding to an integrated luminosity of 138 fb^{-1} and recorded between 2016 and 2018. The searches are carried out using events in which the Higgs/Z/W boson is produced in association with a leptonically-decaying Z or W boson. This thesis also discusses a novel calibration algorithm for charm jet identification that enables maximal use of the available information related to charm jets. The new method is used to correct the entire distribution expected as output when jet flavour identification algorithms are applied to jets of different flavours. The calibrated results improve over traditional efficiency measurements

and help enhance the sensitivities of the Higgs, Z, and W searches. This book primarily reports on the so-called resolved-jet topology of the Higgs/Z/W boson searches, where the boson candidates are reconstructed using two separate small-radius (AK4) jets. Upon statistically combining the results of the resolved-jet search with a complementary merged-jet approach, the observed (expected) upper limit on the Higgs decay to charm quarks corresponds to 14 (7.6) times the Standard Model expectation at the 95% CL which is the most stringent direct limit to date. A significance of 5.7 (5.9) over the background-only prediction is observed (expected) in case of the search for charmed Z boson decays. Only the resolved-jet topology is used in the search for charmed W decays and the observed (expected) significance is 5.6 (5.7) over the background-only prediction. These mark the first observations of charmed decays of the Z and W bosons at a hadron collider experiment.
