



Electroweak Physics at the LHC /

Mozer, Matthias U.,
author

Springer International Publishing :
Imprint: Springer,
2016

Libros electrónicos Recursos electrónicos

Monografía

The book discusses the recent experimental results obtained at the LHC that involve electroweak bosons. The results are placed into an appropriate theoretical and historical context. The work pays special attention to the rising subject of hadronically decaying bosons with high boosts, documenting the state-of-the-art identification techniques and highlighting example results their application. The document is not limited to electroweak physics in the strict sense, but also discusses the use of electroweak vector-bosons as tool in the study of other subjects in particle physics, such as determinations of the proton structure or the search for new exotic particles. The book is particularly well suited for graduate students, starting their thesis work on topics that involve electroweak bosons, as the book provides a comprehensive description of phenomena observable at current accelerators as well as a summary of the most relevant experimental techniques

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMTc4MTI5Njc>

Título: Electroweak Physics at the LHC by Matthias U. Mozer

Edición: 1st ed. 2016

Editorial: Cham Springer International Publishing Imprint: Springer 2016

Descripción física: 1 recurso en línea IX, 115 p. 43 illus., 35 illus. in color

Mención de serie: Springer Tracts in Modern Physics 0081-3869 267 Springer eBooks

Contenido: Introduction -- Theory overview -- Experimental Signatures of EWK Bosons -- EWK Bosons and QCD -- Electroweak Parameters -- EWK Bosons and the Higgs Boson -- Diboson Resonances -- Nonresonant Multi-Boson Production -- Conclusion

Detalles del sistema: Modo de acceso: World Wide Web

ISBN: 9783319303819

Materia: Physics Nuclear physics Heavy ions Hadrons Elementary particles (Physics) Quantum field theory Particle acceleration Physics Elementary Particles, Quantum Field Theory Nuclear Physics, Heavy Ions, Hadrons Particle Acceleration and Detection, Beam Physics

Entidades: SpringerLink (Online service)

Punto acceso adicional serie-Título: Springer Tracts in Modern Physics 0081-3869 267

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es