1. Record Nr. UNISA990000240190203316

Autore	NAKANISHI, N.
Titolo	Covariant operator formalism of gauge theories and quantum gravity / N. Nakanishi and I. Ojima
Pubbl/distr/stampa	Singapore [etc.] : World Scientific, copyr. 1990
ISBN	9971-50-238-0
Descrizione fisica	XV, 434 p. : ill. ; 21 cm
Collana	World scientific lecture notes in physics ; 27
Disciplina	530.1435
Collocazione	530.1435 NAK
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISALENTO991002618869707536

Autore	Delle Monache, Stefano
Titolo	Il negozio immorale tra negazione dei rimedi restitutori e tutela proprietaria : per una riflessione sul sistema traslativo dei diritti / Stefano Delle Monache
Pubbl/distr/stampa	Padova : CEDAM, 1997
ISBN	8813206895
Descrizione fisica	xv, 319 p. ; 24 cm
Collana	I libri dell'Istituto giuridico italiano ; 22
Disciplina	346.45
Soggetti	Destinazione dei beni Negozi giuridici - Causa illecita
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contiene riferimenti bibl. e indice

3. Record Nr. UNINA9910735790603321

Autore	Mironova Maria
Titolo	Search for Higgs Boson Decays to Charm Quarks with the ATLAS Experiment and Development of Novel Silicon Pixel Detectors / / by Maria Mironova
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-36220-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (206 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	539.72
Soggetti	Particles (Nuclear physics) Measurement Measuring instruments Quantum field theory Particle Physics Measurement Science and Instrumentation Elementary Particles, Quantum Field Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Theoretical Background -- Experimental Particle Physics with the ATLAS Detector -- Search for the VH(H->cc) Decay -- Silicon Pixel Detectors.
Sommario/riassunto	This book explores the Higgs boson and its interactions with fermions, as well as the detector technologies used to measure it. The Standard Model of Particle Physics has been a groundbreaking theory in our understanding of the fundamental properties of the universe, but it is incomplete, and there are significant hints which require new physics. The discovery of the Higgs boson in 2012 was a substantial confirmation of the Standard Model, but many of its decay modes remain elusive. This book presents the latest search for Higgs boson decays into c-quarks using a proton-proton collision dataset collected by the ATLAS experiment at the Large Hadron Collider (LHC). This decay mode has yet to be observed and requires advanced machine learning algorithms to identify c-quarks in the experiment. The results

provide an upper limit on the rate of Higgs boson decays to c-quarks and a direct measurement of the Higgs boson coupling strength to c-quarks. The book also discusses the future of particle physics and the need for significant improvements to the detector to cope with increased radiation damage and higher data rates at the High-Luminosity LHC. It presents the characterization of the ATLAS pixel detector readout chip for the inner detector upgrade (ITk). The chip was subjected to irradiations using X-rays and protons to simulate the radiation environment at the HL-LHC. The tests showed that all readout chip components, including the digital logic and analogue front-end, are sufficiently radiation-tolerant to withstand the expected radiation dose. Finally, this book describes monolithic pixel detectors as a possible technology for future pixel detectors. This book is ideal for individuals interested in exploring particle physics, the Higgs boson, and the development of silicon pixel detectors.