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| Altri autori (Persone) | ShivajiAmbresh BharadwajVishal LochanKinjalk JassalHarvinder Kaur JosephAnosh KhuswahaPankaj |
| Disciplina | 539.7 |
| Soggetti | Nuclear physics Quantum electrodynamics Quantum theory Nuclear and Particle Physics Quantum Electrodynamics, Relativistic and Many-body Calculations Quantum Imaging and Sensing |
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| Nota di contenuto | IceCube and the future of Astroparticle Physics from the South Pole -- The effect of the Hagedorn states in the Hadron Resonance Gas model with the van der Waals interaction -- Silicon detector activities for Belle II and CMS experiments -- Recent highlights from the LHCb experiment. |
| Sommario/riassunto | This book presents the proceedings of the XXV DAE-BRNS High Energy Physics (HEP) Symposium 2022, held at the Indian Institute of Science Education and Research Mohali, India. This proceeding marks the 25th edition. The latest results covering both the theoretical and the experimental aspects of the HEP research were presented under 10 |

broad topics ranging from Astroparticle and cosmology to Higgs and top quark physics, namely (1) article Astrophysics and Cosmology, (2) Beyond Standard Model Physics, (3) Formal Theory, (4) Detector Development Future Facilities and Experiments, (5) Relativistic Heavy-Ion Physics and QCD, (6) Higgs Physics, (7) Quark and Lepton Flavor Physics, (9) Societal Applications: Medical Physics, Imaging, and (10) Top Quark and EW Physics.
