Record Nr. UNINA9910783924103321 SPIN 2004 [[electronic resource]]: 16th international spin physics **Titolo** symposium: workshop on polarized electron sources and polarimeters // editors, Kurt Aulenbacher ... [et al.] Singapore;; Hackensack, NJ,: World Scientific, c2005 Pubbl/distr/stampa **ISBN** 1-281-89745-0 9786611897451 981-270-190-7 Descrizione fisica 1 online resource (1065 p.) Altri autori (Persone) AulenbacherKurt Disciplina 539.7/25 Soggetti Nuclear spin Polarization (Nuclear physics) Polarized beams (Nuclear physics) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. CONTENTS; SPIN2004; Preface; INTERNATIONAL SPIN PHYSICS Nota di contenuto COMMITTEE; LOCAL ORGANIZING COMMITTEE; Scientific Programme; PLENARY TALKS; WORKSHOP SUMMARIES; SESSION 1 Spin and Fundamental Symmetries; SESSION 2 QCD Spin Structure of Nucleons; SESSION 3 Spin Beyond the Standard Model; SESSION 4 Spin in Soft Hadronic Reactions; SESSION 5 Soft Spin Physics with Photons and Leptons; SESSION 6 Spin Physics in Nuclear Interactions; SESSION 7 Acceleration, Storage and Polarimetry of Polarized Beams; SESSION 8 Polarized Sources, Targets and Polarimetry; PESP2004; Author Index Sommario/riassunto This comprehensive volume covers the most recent advances in the field of spin physics, including the latest research in high energy and nuclear physics and the study of nuclear spin structure. The comprehensive coverage also includes polarized proton and electron acceleration and storage as well as polarized ion sources and targets. Many significant new results and achievements on the different topics considered at the symposium are presented in this book for the first time.