Record Nr. UNINA9910784015303321 Edward Teller lectures [[electronic resource]]: lasers and inertial fusion Titolo energy / / editors, Heinrich Hora, George H. Miley; with a foreword by E.M. Campbell London, : Imperial College, 2005 Pubbl/distr/stampa 1-281-86694-6 **ISBN** 9786611866945 1-86094-727-1 Descrizione fisica 1 online resource (379 p.) Altri autori (Persone) HoraHeinrich <1931-> MileyGeorge H <1933-> (George Hunter) 539.764 Disciplina Soggetti Inertial confinement fusion Nuclear fusion Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Foreword by Edward Michael Campbell; Introductory Remarks to the "Edward Teller Lectures"; Occasional Addresses by Edward Teller at Conferences of Laser Interaction and Related Plasma Phenomena (LIRPP); LECTURES PRESENTED BY THE EDWARD TELLER MEDALISTS; AUTHOR INDEX; SUBJECT INDEX; Acknowledgment How to achieve unlimited, safe, clean and low-cost energy by laser- or Sommario/riassunto beam-driven inertial nuclear fusion has preoccupied all winners of the Edward Teller Medal since its inception in 1991. This book presents their findings, meeting discussions, and personal insights from Edward Teller himself. Expect discussion of important advances anticipated in the future such as multi-billion dollar fusion research projects (NIF), and new schemes such as the petawatt-picosecond laser-plasma interactions evoking new physics and coupling mechanisms. For the first time, laser technology of the new century i