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Sommario/riassunto	How to achieve unlimited, safe, clean and low-cost energy by laser- or 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