

1. Record Nr.	UNINA9910454100203321
Autore	Huebener R. P (Rudolf Peter), <1931->
Titolo	A focus of discoveries [[electronic resource] /] / Rudolf P. Huebener, Heinz Luebbig
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2008
ISBN	1-281-93831-9 9786611938314 981-279-035-7
Descrizione fisica	1 online resource (196 p.)
Altri autori (Persone)	LuebbigH. <1932->
Disciplina	530.0943
Soggetti	Physical laboratories - Germany - Berlin - History Physics - Research - Germany - Berlin - History Electronic books.
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 (p. 179-180) and index.
Nota di contenuto	Preamble; Preface; Contents; 1. The Foundation and the Key Role of Werner Siemens; 2. Some Memoranda at the Beginning; 3. The Start under President Hermann von Helmholtz; 4. The Institute as a Model; 5. The Optical Laboratory and the Birth of Quantum Theory; 6. The Low-Temperature Laboratory and the Discovery of the Meissner Effect; 7. The Chemical Laboratory and the Discovery of New Elements; 8. The Laboratory for Radioactivity; 9. The Imperial Institute and Albert Einstein; 10. Counting and Measuring - Quantum Statistics and Quantum Standards 11. Fundamental Constants - the Best Information on Nature Available 12. The Meter Convention for the Global Consistency of Measurements; 13. The Presidents of the Institute until 1933; 14. The Institute under the Nazi Dictatorship and a New Beginning; Literature; Name Index; About the Authors
Sommario/riassunto	In 1887, the Physikalisch-Technische Bundesanstalt (PTB) was originally founded as the Physikalisch-Technische Reichsanstalt (PTR) in Berlin in order to promote basic research in physics. It subsequently developed into the largest research center worldwide as a place where scientists could concentrate exclusively on their research subject, and served as a

model for similar institutes established in other countries. Within a very short time, the PTR produced extremely important scientific results that cemented its international position at the top, such as Max Planck's radiation law and energy q
