

1. Record Nr.	UNINA9910777050503321
Titolo	Proceedings of the John Hall Symposium [[electronic resource]] : in honor of John Hall on the occasion of his 70th birthday : University of Colorado, Boulder, CO, USA, 13-15 August 2004 // editor, James C. Bergquist ... [et al.]
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific, c2006
ISBN	981-277-384-3
Descrizione fisica	xxxviii, 158 p. : ill., ports
Altri autori (Persone)	BergquistJames Charles HallJ. L <1934-> (John L.)
Disciplina	530.092
Soggetti	Frequency standards Laser pulses, Ultrashort Measurement Nonlinear optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Laser Works at Boulder Laboratories in the Early Sixties (A Bement); Optical Cavities and Gravity -- Wave Detectors (R Drever); Converting Photons to Decibels -- Travels with John Hall in Quantum Optics Land (H J Kimble); Funny Lineshapes in Saturated Absorption Spectroscopy (E Arimondo); Reeta Vyas and Surendra Singh, The Hidden Side of a Laser Beam (J W Moore); Gaining Control in Quantum Optics (H A Bachor); Following the Path Blazed by Jan Hall (L Hollberg); When Physics Rules Robotics (M Siegel); The Optical Calcium Frequency Standard of PTB (U Sterr et al.); Jan's Greatest Gifts to My Scientific Career (J Ye); and other papers.
Sommario/riassunto	Offers brief and personal glimpses of some of John L Hall's achievements, the research he inspired, and the great friendships he has built. This book talks about John's contribution to the development of laser-based precision spectroscopy, including the optical frequency comb technique.