

1. Record Nr.	UNINA9910465180903321
Titolo	Attention [[electronic resource] ] : from theory to practice // edited by Arthur F. Kramer, Douglas A. Wiegmann, Alex Kirlik
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2007
ISBN	1-4294-5931-X 0-19-804164-0 1-280-84649-6
Descrizione fisica	1 online resource (287 p.)
Collana	Series in human-technology interaction ; ; 4
Altri autori (Persone)	KramerArthur F WiegmannDouglas A KirlikAlex
Disciplina	153.7/33
Soggetti	Attention Human-machine systems 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. 234-236) and indexes.
Nota di contenuto	Contents; Contributors; Part I. Toward a Practical View of Attention: Theoretical and Methodological Issues; 1 Attention: From History to Application; 2 Attention and Its Allocation: Fragments of a Model; 3 Capturing Attention in the Laboratory and the Real World; 4 Elaborations of the Multiple-Resource Theory of Attention; Part II. Emerging Issues in Applied Attention Theory; 5 Individual Differences in Attention and Working Memory: A Molecular Genetic Approach; 6 Affect, Attention, and Automation; 7 Monitoring a Nuclear Power Plant; 8 The Functional Task Environment Part III. Attention and Driving9 Multitasking in the Automobile; 10 Novice Driver Crashes: Failure to Divide Attention or Failure to Recognize Risks; Part IV. Attention and Aging; 11 Attention Goes Home: Support for Aging Adults; 12 The Dynamics of Attention and Aging; Part V. Attention and Interface Design; 13 Multiple-Resource Theory as a Basis for Multimodal Interface Design: Success Stories, Qualifications, and Research Needs; 14 Cross-Modal Interactions between Sensory Modalities: Implications for the Design of Multisensory Displays; Part VI.

## Attention and Training

15 Emphasis Change as a Training Protocol for High-Demand Tasks<sup>16</sup>

Prospective Memory, Concurrent Task Management, and Pilot Error;

Part VII. Future Directions; 17 Attention to Attention and Its

Applications: A Concluding View; Author Index; A; B; C; D; E; F; G; H; I;

J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z; Subject Index; A; B; C; D;

E; F; G; H; I; J; K; L; M; N; O; P; R; S; T; U; V; W

---

### Sommario/riassunto

Preface. Part I. Toward a Practical View of Attention: Theoretical and Methodological Issues. Part II. Emerging Issues in Applied Attention Theory. Part III. Attention and Driving. Part IV. Attention and Aging. Part V. Attention and Interface Design. Part VI. Attention and Training. Part VII. Future Directions.

---