1.	Record Nr.	UNISA996199998703316
	Titolo	Engineering Psychology and Cognitive Ergonomics [[electronic resource]] : 11th International Conference, EPCE 2014, Held as Part of HCI International 2014, Heraklion, Crete, Greece, June 22-27, 2014, Proceedings / / edited by Don Harris
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
	ISBN	3-319-07515-2
	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (XXIV, 556 p. 188 illus.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 8532
	Disciplina	620.82
	Soggetti	User interfaces (Computer systems) Artificial intelligence Computers and civilization Computers User Interfaces and Human Computer Interaction Artificial Intelligence Computers and Society Models and Principles
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Mental workload and stress -- Visual perception -- Cognitive issues in interaction and user experience -- Cognitive psychology in aviation and space -- Transport and industrial applications.
	Sommario/riassunto	This book constitutes the refereed proceedings of the 11th International Conference on Engineering Psychology and Cognitive Ergonomics, EPCE 2014, held as part of the 16th International Conference on Human-Computer Interaction, HCII 2014, held in Heraklion, Greece, in June 2014, jointly with 13 other thematically similar conferences. The total of 1476 papers and 220 posters presented at the HCII 2014 conferences were carefully reviewed and selected from 4766 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for

presentation thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 54 contributions included in the EPCE proceedings were carefully reviewed and selected for inclusion in this volume and are organized in the following topical sections: mental workload and stress; visual perception; cognitive issues in interaction and user experience; cognitive psychology in aviation and space; transport and industrial applications.