| | | |
|---|---|---|
| 1. | Record Nr. | UNISA996210508603316 |
| | Titolo | Physiological Computing Systems [[electronic resource] ] : First International Conference, PhyCS 2014, Lisbon, Portugal, January 7-9, 2014, Revised Selected Papers / / edited by Hugo Plácido da Silva, Andreas Holzinger, Stephen Fairclough, Dennis Majoe |
| | Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014 |
| | ISBN | 3-662-45686-9 |
| | Edizione | [1st ed. 2014.] |
| | Descrizione fisica | 1 online resource (XIV, 171 p. 57 illus.) |
| | Collana | Information Systems and Applications, incl. Internet/Web, and HCI ; ; 8908 |
| | Disciplina | 004.019 |
| | Soggetti | Health informatics |
| | | Special purpose computers |
| | | User interfaces (Computer systems) |
| | | Database management |
| | | Health Informatics |
| | | Special Purpose and Application-Based Systems |
| | | User Interfaces and Human Computer Interaction |
| | | Database Management |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | Bibliographic Level Mode of Issuance: Monograph |
| | Nota di contenuto | Methodologies and Methods -- Wavelet Lifting over Information-Based EEG Graphs for Motor Imagery Data Classification -- Extracting Emotions and Communication Styles from Prosody -- Multiresolution Feature Extraction During Psychophysiological Inference: Addressing Signals Asynchronicity -- Devices -- Paper-Based Inkjet Electrodes: Experimental Study for ECG Applications -- An EOG-Based Automatic Sleep Scoring System and Its Related Application in Sleep Environmental Control -- Applications -- Upper Body Joint Angle Measurements for Physical Rehabilitation Using Visual Feedback -- Online Classifier Adaptation for the Detection of P300 Target Recognition Processes in a Complex Teleoperation Scenario -- Impact on Biker Effort of Electric Bicycle Utilization: Results from On-Road Monitoring in Lisbon, |

Portugal -- Human Factors -- Learning Effective Models of Emotions from Physiological Signals: The Seven Principles -- A Generic Effort-Based Behavior Description for User Engagement Analysis.

Sommario/riassunto

This book constitutes the proceedings of the First International Conference on Physiological Computing Systems, PhyCS 2014, held in Lisbon, Portugal, in January 2014. The 10 papers presented in this volume were carefully reviewed and selected from 52 submissions. They are organized in topical sections named: methodologies and methods; devices; applications; and human factors.