Record Nr. UNINA9910816391503321 pHealth 2015: proceedings of the 12th International Conference on **Titolo** Wearable Micro and Nano Technologies for Personalized Health 2-4 June 2015 Västerås, Sweden / / edited by Bernd Blobel, Maria Linden and Mobyen Uddin Ahmed Pubbl/distr/stampa Amsterdam, Netherlands:,: IOS Press,, 2015 ©2015 **ISBN** 1-61499-516-8 Descrizione fisica 1 online resource (332 p.) Collana Studies in Health Technology and Informatics, , 1879-8365;; Volume 211 Disciplina 610.284 Soggetti **Biosensors** Nanotechnology Wearable computers 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 at the end of each chapters and index. ""Title Page""; ""Preface""; ""pHealth 2015 Committee Members and Nota di contenuto Reviewers""; ""Contents""; ""Keynotes""; ""H2020 EU Research & Innovation Program Boost the Transfer of Technological Breakthroughs, Enable New Solutions for Personalised Health and Impact the Industry and Healthcare Systems""; ""The Importance of Architectures for Interoperability""; ""Technology Ready to Be Launched, but Is There a Payer? Challenges for Implementing eHealth in Sweden"": ""Invited Papers""; ""The New Role of Patients in Future Health Settings"" ""mHealth in Low- and Middle-Income Countries: Status, Requirements and Strategies""""Signal Processing""; ""ECG Artifact Removal from Surface EMG Signal Using an Automated Method Based on Wavelet-ICA""; ""Noise Reduction for a MEMS-Gyroscope-Based Head Mouse""; ""Heart Rate Measurement as a Tool to Quantify Sedentary Behavior"": ""EmoBurnout: An Approach for Supporting Burnout Syndrome Diagnosis""; ""Interoperable ICT and Telemedicine""; ""A Generic Architecture for an Adaptive, Interoperable and Intelligent Type 2

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""Specializing Architectures for the Type 2 Diabetes Mellitus Care Use Cases with a Focus on Process Management"""Innovative Materials and Methodologies""; ""Users Perspectives on Interactive Distance Technology Enabling Home-Based Motor Training for Stroke Patients"; ""Psychologist in a Pocket: Towards Depression Screening on Mobile Phones""; ""Smartphone Serious Games for Vision and Hearing Assessment""; ""An in vitro Study of Protein Adsorption to Biocompatible Coatings""; ""Solutions for Personalized Care and mHealth Applications"" ""Mobile ECG Systems and Cardiovascular Risk: A Systematic Review"""" Towards Bringing EEG Research and Diagnostics out of the Lab""; ""Development of an Eating Aid - From the User Needs to a Product""; ""Wearable and Implantable Devices and Systems""; ""A Study of Different Fabrics to Increase Radar Cross Section of Humans""; ""Encapsulation for Smart Textile Electronics - Humidity and Temperature Sensor"": ""Business Model Design for a Wearable Biofeedback System""; ""Impedance Matching Wireless Power Transmission System for Biomedical Devices""; ""Intelligent Systems"" ""Advanced Decision Support System for Older Adults""""Supervised Machine Learning Algorithms to Diagnose Stress for Vehicle Drivers Based on Physiological Sensor Signals"": ""A Personalized Health-Monitoring System for Elderly by Combining Rules and Case-Based

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