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Titolo	Pervasive Computing Paradigms for Mental Health : Selected Papers from MindCare 2016, Fabulous 2016, and IIoT 2015 / / edited by Nuria Oliver, Silvia Serino, Aleksandar Matic, Pietro Cipresso, Nenad Filipovic, Liljana Gavrilovska
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Soggetti	Medical informatics Computer engineering Computer networks Artificial intelligence Health Informatics Computer Engineering and Networks Artificial Intelligence Computer Communication Networks
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Nota di contenuto	Computer-Based Programs as Suitable Intervention Tools for Older People with Mental Disorders -- ONParkinson – Innovative mHealth to support the triad: patient, carer and health professional -- A Process for Selecting and Validating Awe-Inducing Audio-Visual Stimuli -- A Play Therapy based Full-body Interaction Intervention Tool for Children with Autism -- Stress Detection from Speech Using Spectral Slope Measurements -- Technological devices as an opportunity for people with Parkinson -- just Physio kidding - NUI and Gamification based Therapeutic Intervention for Children with Special Needs -- An innovative virtual reality-based training program for the rehabilitation of cognitive frail patients -- COLLEGO: An Interactive Platform for

Studying Joint Action During an Ecological Collaboration Task -- Mobile applications as good intervention tools for individuals with depression -- Assessment of mechanical stiffness of jumping using force plate -- Numerical modeling of drug delivery in organs:from CT scans to FE model -- FPGA Implementation of Face Recognition Algorithm -- Persons Counting and Monitoring System based on Passive Infrared Sensors and Ultrasonic Sensors (PIRUS) -- Personalized and intelligent sleep lifestyle reasoner with web application for improving quality of sleep part of AAL architecture -- Implementation of Daily Functioning and Habits Building Reasoner part of AAL Architecture -- 5G-TCP: Enhanced transport protocol for Future Mobile Networks -- Monitoring the Black Sea Region using Satellite Earth Observation and Ground Telemetry -- Multi-microphone Noise Reduction System Integrating Nonlinear Multi-band Spectral Subtraction -- Practical Implementation Aspects of the Data Timed Sending (DTS) Protocol Using Wake-up Radio (WuR) -- Intrusion Prevention System Evaluation for SDN-enabled IoT Networks -- A Privacy Scheme for Monitoring Devices in the Internet of Things -- How to Deal with Interoperability Testing in The Challenging and Ever-changing Context of IoT -- Wi-Suite: Tools and Services for Managing IoT Infrastructures. .

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Symposium on Pervasive Computing Paradigms for Mental Health, MindCare 2016, held in Barcelona, Spain, in November 2016, and the Second International Conference of Future Access Enablers of Ubiquitous and Intelligent Infrastructures, Fabulous 2016, Belgrade, Serbia, October 24-26, 2016, and the Third International Conference on Interoperability in IoT, IIoT 2015, Rome, Italy, October 26-27, 2015. The 24 papers were selected from 32 submissions. MindCare presents technologies in favor of maintaining and improving psychological well-being. Fabulous presents broad areas of future wireless networks, ambient and assisted living and smart infrastructures in order to interact, exchange ideas, expertise, experience and know-how. And finally IIoT presents tools and services in home automation and industrial service.

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