

Workshop Rehab

Friday 8:30-11:00

Salón de Actos

Chairs: Cesar Collazos and Sergio Albiol

8:30 Design and assessment of the VR-SPIRIT application for social training with VR Head Mounted Display.

Giorgia Malerba, Silvia Bellazzecca, Eleonora Diella, Cosimo Urgesi, Grazia D'Angelo, Gianluigi Reni and Emilia Biffi

8:45 Framework for the design of accessible software applications oriented to the treatment of autism

Daniel Enrique Ardila Gutierrez, Juan Sebastian Parra Reyes, Gustavo E. Constain M. and Cesar A. Collazos O

9:00 Prototype of a no Invasive Rehabilitation System to Training Impairing Vision Problem caused by Amblyopia in Early Children

Simena Dinas, Javier I Ferney Castillo, Juan Camilo Castro Rizo, Juan Pablo Moreno Garzón and Santiago Falla Navia

9:15 Solution for Immersive Vestibular Rehabilitation in Patients with Multiple Sclerosis by using Virtual Reality and its use within the Tele-Rehabilitation Paradigm

Abdulaziz Ibrahim Altwijri, Sergio Albiol-Pérez, José Antonio Gil-Gómez, José-Antonio Lozano-Quilis, Cristina García-Muñoz, María Jesús Casuso-Holgado and Habib M. Fardoun

9:30 Affective Computing from Digital Health: A literature review

Juan Apablaza and Sandra Cano

9:45 Evaluation of User Satisfaction in a new Virtual Reality System for Rehabilitation in Children

Sergio Albiol-Pérez, Elizabeth Vidal Duarte, Eveling Gloria Castro Gutiérrez, Patricia Mesa-Gresa and José-Antonio Gil-Gómez

10:00 The Role of ICT in the development of Children's with disabilities

Habib Fardoun, Cesar Collazos, Anas Abulfaraj and Abdulaziz Al-Twijri

10:15 Virtual Reality System for Upper Limb Rehabilitation: an assessment and training tool

Edwin Saavedra Parisaca, Solansh Montoya Muñoz, Elizabeth Vidal and Sergio Albiol-Pérez

10:30 Vibr-AR : Interactive book for teaching the basic principles of music to hearing impaired children.

Victor Manuel Peñeñory, Brenda Sofia Mesa Hermosa, Sandra Patricia Cano Mazuera, Sergio Albiol-Pérez and Cesar Collazos Ordoñez

10:45 Model of emotional measurement in children with Autism Spectrum Disorder using biometric sensors.

Isabella Omen, Andrés F. Facundo, Cesar A. Collazos and Delio E. Enriquez