



### **Topic of the Speech:**

Device Smart Wearable for Emotion Recognition from Physiological Signals During the Interaction with a Video Game to Detect Personality Traits

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**Professor Mauro Callejas Cuervo** is a Systems Engineer and Doctor of Applied Science from the Universidad Antonio Nariño - Colombia. He holds a Master's degree in Computer Science from the Instituto Tecnológico de Monterrey – Mexico - and a PhD in Energy and Process Control from the Universidad de Oviedo - Spain. At present, he is an associate professor in the Faculty of Engineering and director of the Software Research Group at the Universidad Pedagógica y Tecnológica de Colombia. From 2005-2013, he was the editor and co-editor of the Journal of the Faculty of Engineering at that same University.

Professor Callejas-Cuervo has published a large number of articles in scientific journals and has taken part in many specialized events. He is the director and lead researcher of various innovation and technological development projects, mainly focused on the area of biomedical engineering.

His research interests include inertial and magnetic sensor projects in telerehabilitation and the development of active video games, wearable technology, wearable devices, Human Body Metrics, Wearable Devices and Biomedical Engineering, as well as software engineering and business intelligence. He is the director and main researcher in various innovation and technological development projects, mainly focused on the area of health and sports. In August 2017, Professor Callejas-Cuervo was awarded the SCIENTIST MEDAL FOR THE YEAR 2017, in the field of Advanced Materials Science and Technology by the International Association of Advanced Materials. He has been invited as a keynote speaker at the University of Manchester, University of Sheffield and the University of Cambridge in England.