a new standard for facial rigging ™

Expressing and Animating: Making Realistic Facial Animations Easy



Premio Científico 2010

verónica costa orvalho

veronica@dcc.fc.up.pt





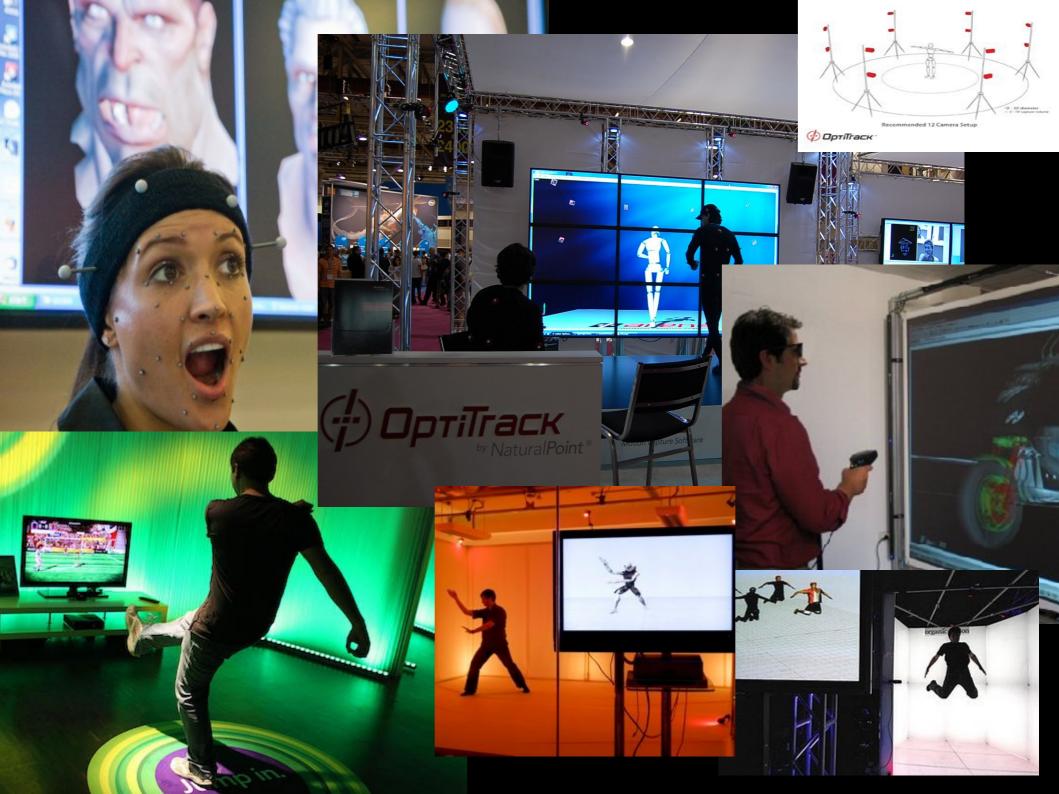


1994 – 2004: IT companies (IBM, Ericsson, Patagonik)

2007: PhD in Software Development (Computer Graphics) Universitat Politecnica de Catalunya (Barcelona, Spain)

2005: founder of Face in Motion [htpp://www.faceinmotion.com]

2008-...: Assistant Professor of the Computer Science dept. Faculty of Science of the University of Porto (Portugal) **computer graphics & HCI Entertainment & rehabilitation**



projects & resources

VERE: Virtual Embodiment & Robotic Re-embodiment (CO-PI) Total Funding: 11.000.000 EUR, PIC Funding: <u>580.000 EUR</u>

GOLEM: Realistic Virtual Humans (CO-PI) Total Funding: 650.752 EUR, PIC Funding: <u>213.484 EUR</u>

LIFEisGAME: LearnIng of Facial Emotions usIng Serious GAMEs (PI) Total Funding: 230.000 EUR, PIC Funding: <u>200.000 EUR</u>

Equipment: <u>250.000 EUR</u>

Total Funding (aprox): 1.100.000 EUR









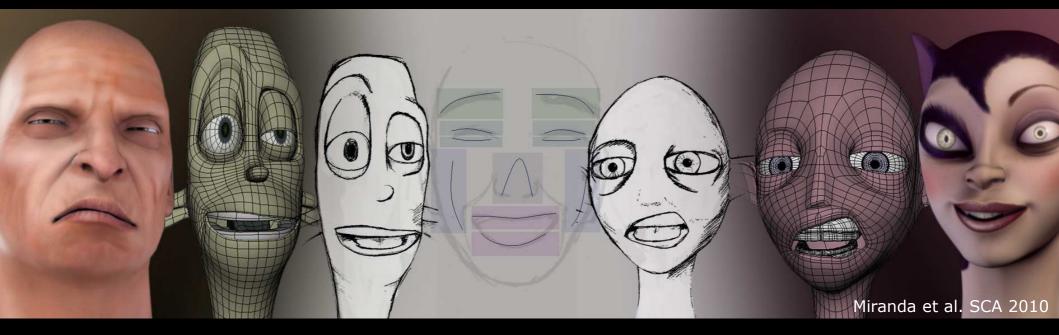
VERE

Virtual Embodiment and Robotic Re-Embodiment



dissolve the boundary between the human body and surrogate representations in immersive virtual reality and physical reality.

LIFEISGAME LearnIng of Facial Emotions usIng Serious GAMEs



shows how it is possible to apply a pioneer serious game approach to teach people with Autism Spectrum Disorders (ASD) to recognize facial emotions, using real time synthesis and automatic facial expression analysis

GOLEM Realistic Virtual Humans



radically improves the **visual appearance** and behaviour of virtual characters, while **streamlining** the **production pipeline** and keeping them customizable and affordable

technology:

