



Pedro Lopes is a musician and HCI researcher. He is a PhD student of Prof. Patrick Baudisch Human Computer Interaction Lab in Hasso-Plattner-Institut, Postdam. His research focuses on augmented humans, and novel interaction devices. As a musician, he plays custom-modified turntables and other analogue mediums in in OTO, Whit, eitr and several Lisbon-based performing and radio art ensembles. He writes about music (in jazz.pt magazine), also talks about it (on Radio Zero).

Human-Computer Interaction: Artistic and Scientific perspectives on augmenting our bodies - Keynote

As a discipline, Human Computer Interaction (HCI) has always wandered on the boundaries between art and science, mainly due to its multidisciplinary genealogy, but often because it is a process of envisioning and questioning the future. The ideas of Cyborg, Augmented Humans and Bio-Feedback have been strong research themes for decades in HCI.

However, two currents need to merge in order for us to grasp the "augmented human": firstly, to sense and understand ourselves is crucial - reading and understanding our bio-signals and secondly, to let ourselves be controlled. This keynote for BodyControlled #4 - Bio Interfacing revolves around such matters, where art and science naturally meet to discuss how contemporary bodies will sound and look.

Pedro Lopes

A

P