dijous, 17 de maig de 2018

Conferència Aaron Quigley (Universitat de St. Andrews): "Ubiquitous User Interfaces"

Informació de l'esdeveniment

Lloc:
Sala de Graus EPS

Adreça:
Jaume II - Campus Cappont - Lleida

Preu:
Activitat gratuïta

Organitza:
GEI

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En el marc de l'assignatura User Centered Design de 3r curs del Grau en Enginyeria Informàtica de l'EPS i emmarcat com a conferència del centre de recerca INSPIRES [http://www.inspires.udl.cat/], s'ha organizat una xerrada internacional amb el professor **Aaron Quigley** de la **Universitat de St. Andrews** (Escòcia) el proper el **dijous 17 de maig** a les **9:00h** a la **Sala de Graus** de l'EPS:

Ubiquitous User Interfaces

Abstract:

Displays are all around us, on and around our body, fixed and mobile, bleeding into the very fabric of our day to day lives. Displays come in many forms such as smart watches, head-mounted displays or tablets and fixed, mobile, ambient and public displays. However, we know more about the displays connected to our devices than they know about us. Displays and the devices they are connected to are largely ignorant of the context in which they sit including knowing physiological, environmental and computational state. They don't know about the physiological differences between people, the environments they are being used in, if they are being used by one or more persons.

In this talk we review a number of aspects of displays in terms of how we can model, measure, predict and adapt how people can use displays in a myriad of settings. With modeling we seek to represent the physiological differences between people and use the models to adapt and personalize designs, user interfaces. With measurement and prediction we seek to employ various computer vision and depth sensing techniques to better understand how displays are used. And with adaptation we aim to explore subtle techniques and means to support diverging input and output fidelities of display devices. This talk draws on a number of studies from work published in UIST, CHI, MobileHCI, IUI, AVI and UMAP.

B i o :

Professor Aaron Quigley is the Chair of Human Computer Interaction and director of the St Andrews Computer Human Interaction research group (SACHI). Aaron is the ACM SIGCHI Vice President for Conferences, an ACM distinguished speaker and was one of the convenors for the ACM Future of Computing Academy. Aaron's research interests include novel interaction and multi-display computing, human computer interaction, pervasive and ubiquitous computing and information visualisation. He has published over 180 internationally peer-reviewed publications including edited volumes, journal papers, book chapters, conference and workshop papers and holds 3 patents. He has served on over 80 program committees and has been involved in chairing roles of over 20 international conferences and workshops including UIST, ITS, CHI, Pervasive, UbiComp, Tabletop, LoCA, UM, I-HCI, BCS HCI and MobileHCI.

Tothom hi és molt benvingut!