Queen Mary, University of London

Contact: Stefan Poslad, John Schormans

E mail : stefan@eecs.qmul.ac.uk

Personalisation

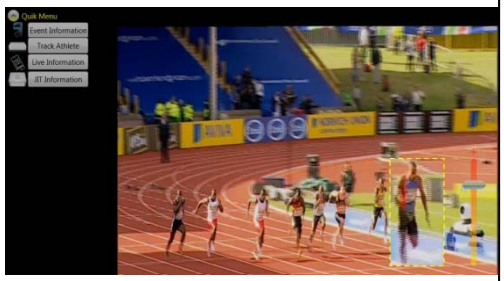
Advanced WebTV UI

Technology

Microsoft Silverlight, WPF; Adobe Flash; DVB-T/H

Existing applications

Custom AV player: personalised Multi-camera streaming & info. overlays, replay live, etc



Opportunities for companies

Joint research, consultancy, licensing

Content & context aware intelligent recommender

Technology

UI event tracking , sensors, clustering, e.g., SON

Existing applications

Task-aware & context-aware AV stream recommender

Opportunities for companies

Joint research, consultancy,

Multi-Camera Control

Visual Processing .Tags

Technology

Neural network & machine learning of video / tag input

Existing applications

Tracking specific athletes to keep them in shot; Reframing based upon points of interest

Opportunities for companies

Research consultancy, licensing

Tracking

Person Localisation and Tracking

Technology

Particle filters, neural nets

Existing applications

Motion. face, label, tracking

Opportunities for companies

Joint research, consultancy, licensing

AV Streaming

Adaptive Streaming

Technology

WebTV, Adaptive HTTP

Existing applications

Adaptive AV streaming

Opportunities for companies

Joint research, consultancy, licensing

Group-based Multicasts

Technology

Group profiling; Multiple streaming systems, IP DVB

Existing applications

Automate stream switching

Opportunities for companies

Joint research, consultancy, licensing