

SESP 2010

Session: Session: Virtual and Augmented Reality (09)
 Type: Concurrent Session
 Date: Wednesday, September 29, 2010
 Time: 10:00 - 11:00
 Room: Einstein
 Chair:
 Co-chair:
 Remarks:

Seq	Time	Title	Abs No
1	10:00	WEAR: WEearable Augmented Reality <u>de Weerd, D.</u> ¹ ; Ilkovitz, M. ¹ ; Ambrus, R. ¹ ; Nevatia, Y. ¹ ; Martinez Oliviera, D. ² ; Arguello, L. ² ¹ SpaceApps, BELGIUM; ² ESA/ESTEC, NETHERLANDS	
2	10:30	SiWear – Developing a Secure Wearable Computer Platform <u>Buergy, C.</u> CEO teXXmo Mobile Solution GmbH & Co, GERMANY In the research project SiWear, a consortium, including Daimler AG, SAP AG, University of Bremen and teXXmo, developed a wearable computer system, which is secure in terms of data and privacy protection, consistent data flow, easy and precise user interaction and work regulations. SiWear was funded by the German government and recognized at CeBIT 2010 by German Chancellor Angela Merkel. Wearable computers increase productivity and quality in areas, such as maintenance and manufacturing by providing IT where it is needed – directly at the body of the worker. To reach the most benefit of such systems, interaction between user and system should be handsfree, mostly by speech control, keeping hands and eyes free for the actual job to perform. Currently used interaction systems for wearable computers include headmounted displays (HMDs), wireless headsets, finger-worn pointing devices, sensor gloves and special vests and belts. The author will present project results, explain possible usage scenarios and current commercial developments.	