

A Status Quo and Vision for Wearable Technologies in Sports- and Healthcare.

The WT market can be divided into four sectors: materials, sensors, communication and entertainment. For the clothing and healthcare industry especially the sectors materials and sensors have a deep impact at existing and upcoming solutions. The presentation will show various applications which target the clothing / sport and healthcare industry.

ECG Measurements via shirts or Blood pressure measurements with Bluetooth enabled devices. From the materials side WT presents nanotechnologies for protection of the human body, fabrics which measure temperature or are enabled for heating. Last but not least the presentation will give a forecast for upcoming technologies like organic electronics. Light weight, partially flexible electronic components will enable new applications. From printable RFID tags till flexible solar cells, the organic electronics trend will stimulate the Wearable Technologies market.