

ORGANIC WEAREBLE TECHNOLOGIES

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In these years, we are assisting an evolution of wearable electronics, devices strongly connected with our bodies able to monitor ours daily activities and health state.

The research of performance mostly in the sport environment is producing very precise devices that are capable to help the athlete to overcome own limits.

In this contest the wearable electronics is having a huge success due to its portability and comfort of use. The target of creating forefront instruments and sensors is pushing a lot of companies to invest big amounts of money because the modern society feels the necessity to interface better with the technology.

In this seminary, I will expose an introduction to conjugated polymers and their use in the textile electronic as original devices, fully integrable into any piece of clothing.

In particular, I will describe the realization of printed prototypes on textile tissue and which could be a possible future of this technology.