

Intelligent biomedical clothes

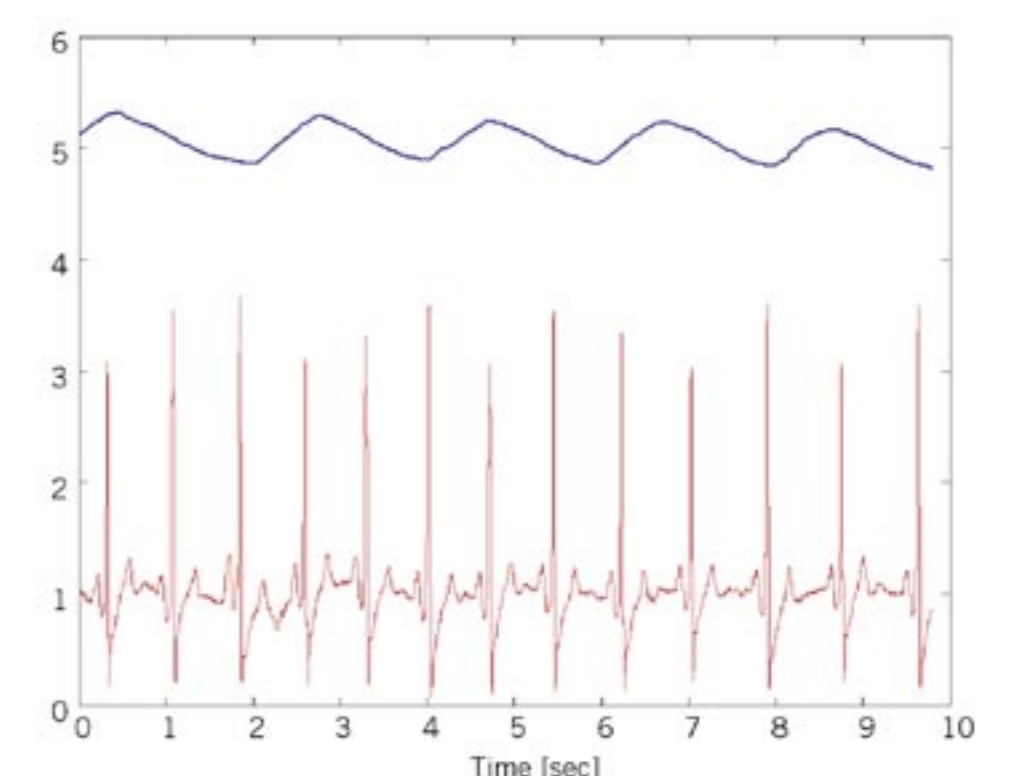
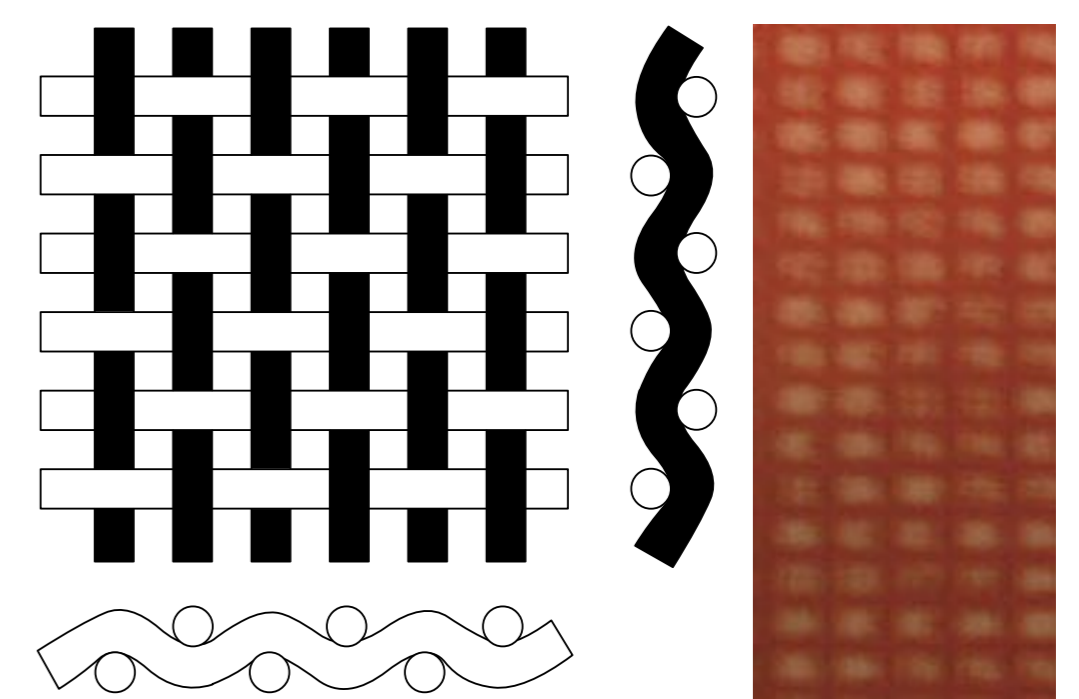
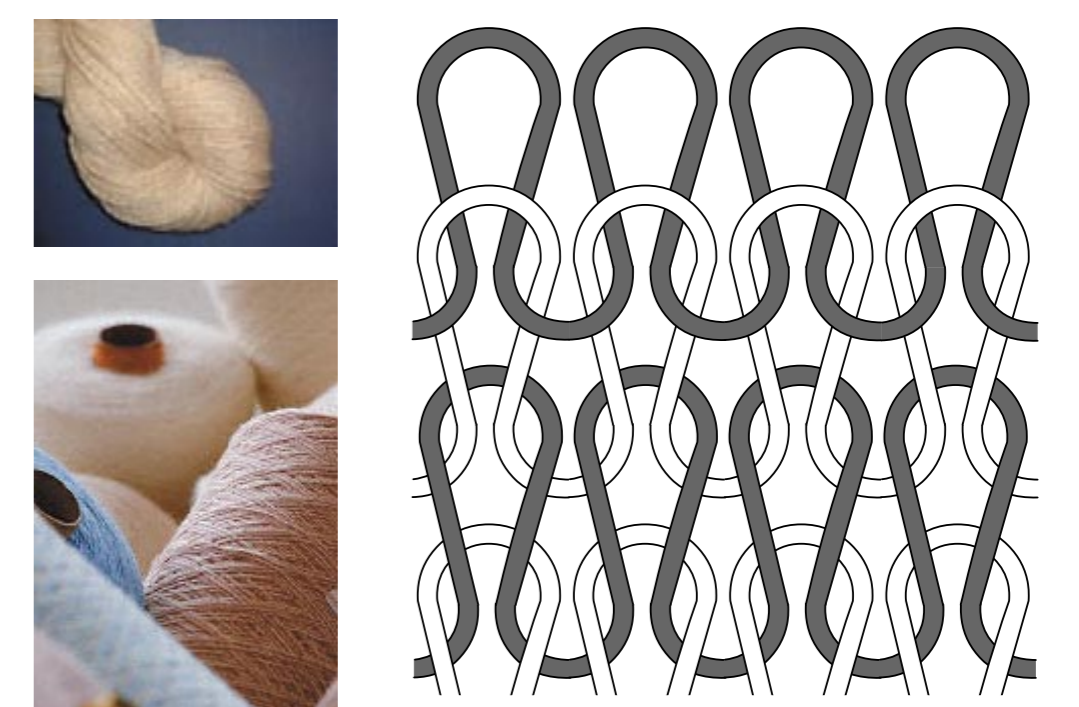
Wearable electronics: technology of the future

- *Clothing is like a second skin to us: make everyday life easier for people in poor health or who would remain healthy, senior citizens and also for athletes*
- *Clothing means fashion and fun: combine health problem prevention, entertainment, comfort, convenience and communication with fashion*
- *To enhance these characteristics by leveraging the technical possibilities of technologies promises a significant added value to the user: smart clothes focus on value and comfort.*



Technical innovations

- Comfortable and continuous remote monitoring of vital signs of human beings
- Alert function, intelligent patient feedback and information to target healthcare suppliers
- Cost-effective, non-invasive and wearable systems
- Integrated smart sensors into fibers and yarns endowed with a wide range of electrophysiological properties
- Textile embedded energy source and communication network
- Evaluation of the patient's health status by combination of acquired signals



Results of IST WEALTHY project