



이름: 정기삼 / KeeSam Jeong, Ph.D.

직위: 연구소장 / CTO

소속: (주)메디코아 / MEDICORE Co., Ltd.

기타소속:

강연제목: 스마트의류에서 생체신호 센싱을 위한 팁

/ Tips for bio-signal sensing with smart clothing

Abstract:

It has been 30 years since the words wearable computing and smart clothing came into our lives. In Korea, many technologies have been developed through the smart clothing commercialization project, which began in 2004 with the support of the Ministry of Industry and Energy.

In early studies, most researchers focused their research on miniaturizing hard materials such as semiconductor devices to measure biosignals.

If you make clothes using heterogeneous materials, it will be uncomfortable for the wearer, not beautiful to look at, and there will be problems with the original function of the clothes.

To make smart clothing, you should use a sensor that is close to the physical properties of the textile.

In this tutorial, to stimulate your imagination, I will introduce the most basic textile sensor production tips.

Brief Biosketch

1997 ~ 1999 LG-EDS 시스템 CALS&CIM 연구소 선임연구원

1999 ~ 2021 용인예술과학대학교 교수

2022 ~ 현재 (주)메디코아 연구소장

1988 ~ 현재 대한의용생체공학회 종신회원

1994 ~ 현재 대한의료정보학회 종신회원, 이사/감사 역임

2000 ~ 현재 한국감성과학회 종신회원, 이사 역임