



Integration of WEARPLEX technology and development of alpha prototypes of WEARPLEX electrodes



Presenter: Russel Torah (University of Southampton)



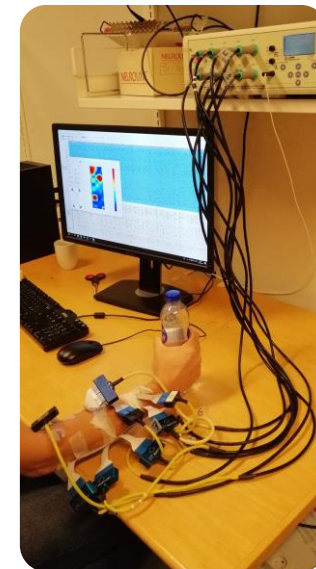
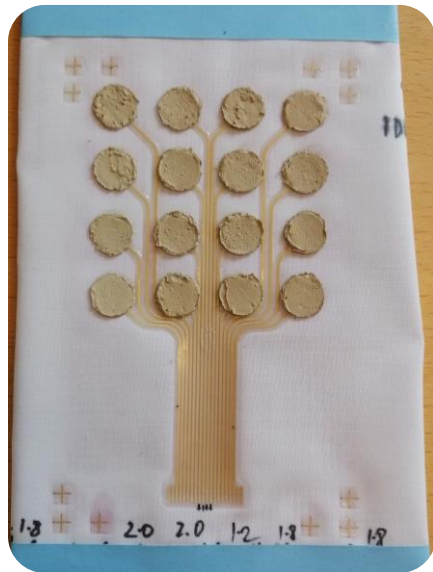
Overview of Demonstrator Workshop

- » **Free** Workshop – demonstrating our latest results in WEARPLEX
- » Starts at 8:45 am on Wednesday 25th Sept at this venue. Demos from 9.25am to 10.50am.
- » Participants can walk around the room and see examples and demonstrations of the different technologies used in WEARPLEX.
- » Panel discussion and Q&A 10.50 to 11.40.
- » Feedback questionnaire to guide future developments.
- » **Free** Lunch to encourage networking!



Electrode Demonstrators

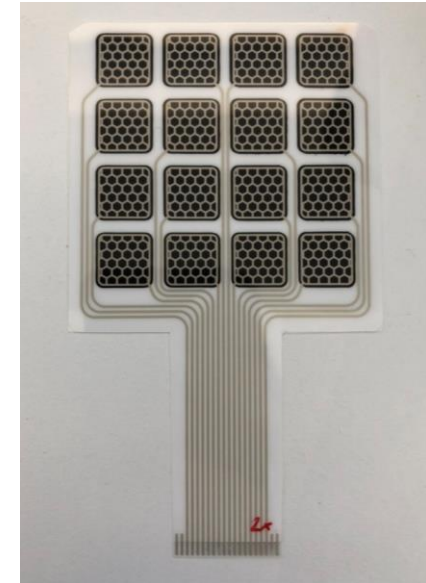
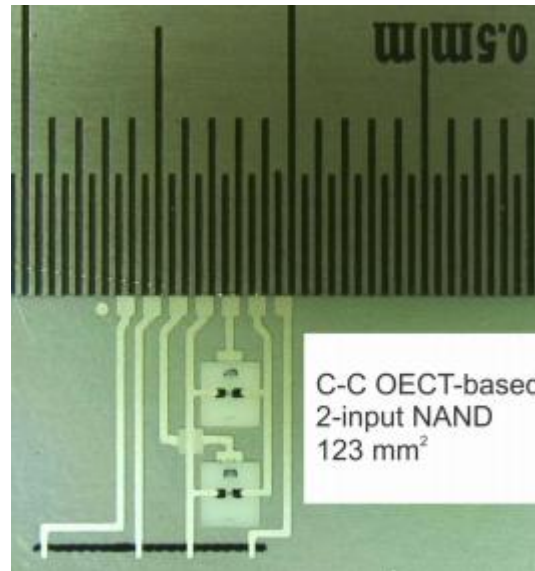
- » AAU - EMG Electrodes – printed devices used to record muscle movement.
- » TEC - FES Electrodes – printed devices used to stimulate muscle movement.
- » IDUN – ECG electrodes – chest worn devices to measured ECG signals.





Printed Electronics Demonstrators

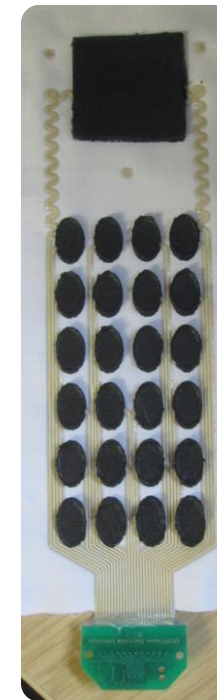
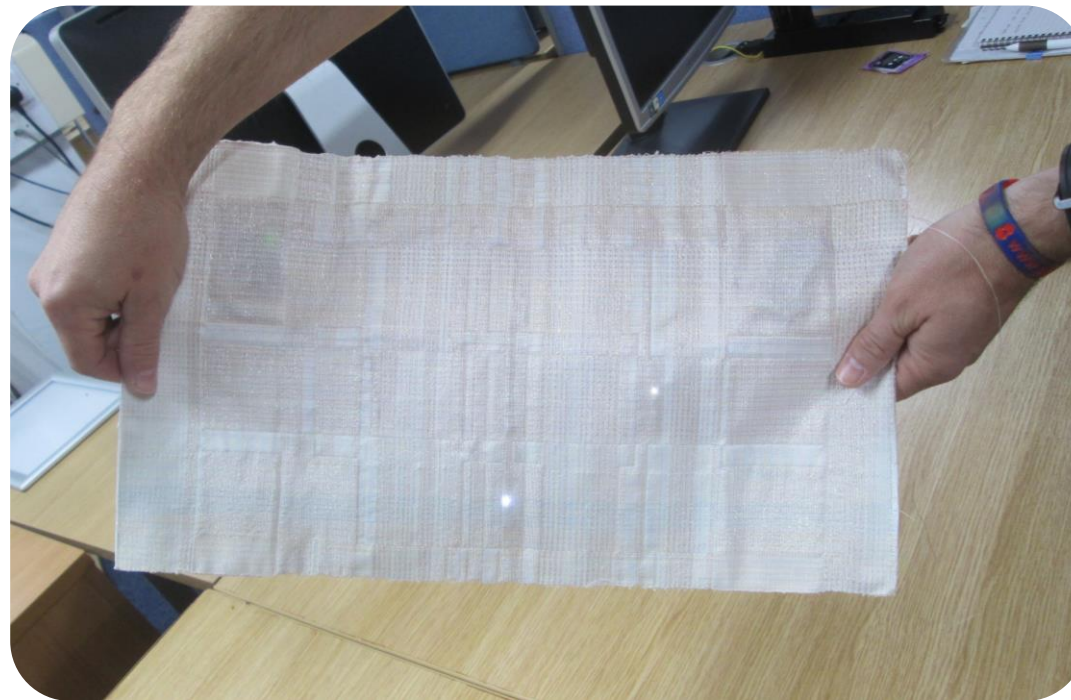
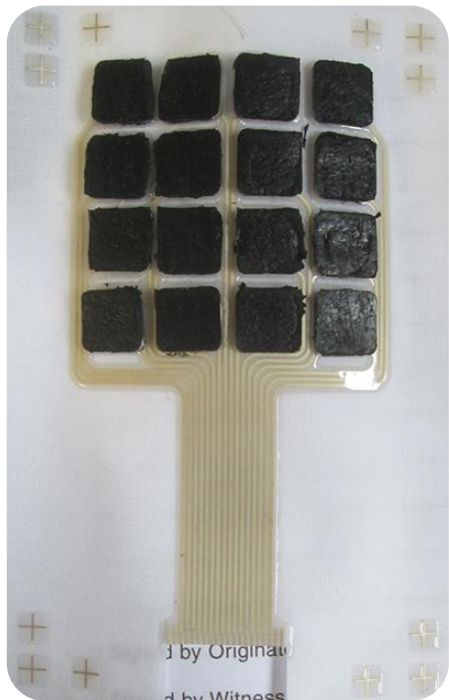
- » RISE – Printed transistor circuits on plastic film
- » BCM, TUC and ABL – Printed electrodes and multi-layer structures
- » SCT – Printed devices on plastic film





E-textile Demonstrators

- » UoS – Printed Stimulation and Recording electrodes on fabric
- » UoS – Electronics integrated into textiles





More Information



<https://wearplex.soton.ac.uk/>



<https://www.linkedin.com/company/wearplex-project>



<https://twitter.com/wearplex>



<https://www.instagram.com/wearplexproject/>



https://www.youtube.com/channel/UCER_bp0sOqU3N5j0CW-B9dA/