Wearable multiplexed biomedical electrodes – for stimulation and recording applications

WEARPLEX – EU funded research project

Thursday 17th February, Teams (Link)

Project demonstrator workshop – **14:00 to 16:40 CET (Central European Time)**

Time	Topic	Presenters
14.00	WEARPLEX Project Overview - Scope, consortium, roles	Russel Torah
	Introduction to technologies used in WEARPLEX	
14.20	- EMG applications - Electronic inks - Printed electronics on textiles - Skin/Electrode interface	Strahinja Dosen Nikola Perinka Abiodun Komolafe Katja Junker
14.45	- FES applications - OECT devices - Human Model Equivalent Circuit - Scaleup printing	Matija Strbac Peter Andersson Ersman Nikola Perinka David Holzner
15.10	Demonstration of WEARPLEX: - Fabric integration - EMG recording system - OECT printed transistor technology - Stimulation testbed - Complete system	Abiodun Komolafe Luis Pelaez Murciego Peter Andersson Ersman Milos Kostic Matija Strbac
16.05	WEARPLEX end user presentations: - Future reduced Graphene ink developments - Future wearable bio potential applications - E-textile device manufacturing	Azadeh Motealleh Katja Junker Jenni Isotalo
16.25	Q&A audience/consortium session Discussion topics: - Open discussion - Where would you like to use this technology? - Best route to impact for these technologies? - Potential exploitation routes and challenges? - Market opportunities?	**Chair:** Steve Beeby
16.35	Concluding remarks and future collaborations	Thierry Keller
16.40	Workshop ends	