



## **Emerging Technology and Novel Engineering in Medical Engineering**

**31<sup>st</sup> March 2021 online**

### **DRAFT PROGRAMME**

10.00 – 10.10	Introduction Benjamin Lee
10.10 – 10.40	<b>Novel approaches to teaching medical engineering</b> Dr Peter Dorrington, Swansea University
10.40 – 11.10	<b>Co-designing personalised aids of daily living: An overview of three case-studies</b> Jonathan Howard, Morriston hospital, Swansea
11.10 – 11.20	<b>Questions</b>
11.20 – 11.40	Break
11.40 – 12.10	<b>Inspired Adaptions: lead user design &amp; technology in adaptive cycling</b> Professor Dominic Eggbeer
12.10 – 12.30	<b>Investigating the use of two methods to determine gross position changes during sleep, and using these methods to investigate the impact that pressure has on movement.</b> Pearl Read, Morriston Hospital, Swansea Bay University Health Board
12.30 – 12.40	<b>Questions</b>
12.40 – 14.00	Break
14.00 – 14.30	<b>PRIME-VR2 project</b> Prof Tim Adlam
14.30 – 14.50	<b>Selection and validation of a remote patient assessment technique for wheelchair posture</b> Billy Woods, Medical Physics and Clinical Engineering, Liverpool, UK.
14.50 – 15.00	Questions
15.00 – 15.15	<b>Break</b>
15.15 – 15.55	Discussion and questions

*Programme subject to change*