“MEDTECH IN CHRISTCHURCH” PROGRAMME

Morning tea arrival, 9:45 – 10:10am

WELCOME AND INTRODUCTION: ASSOC PROF ANTHONY BUTLER, 10:10 – 10:20AM

KEYNOTE SPEAKER 10:20 – 11:00AM:

Peter Dooley, CDHB, Christchurch

“Virtual reality on the ward, a brief look at VR applications making a difference”

SESSION 1, HEALTH/MEDICAL 11:00 – 12:20PM (CHAIR ED ASSOC PROF TIM WOODFIELD)

Jerome Damet, CERN, “Eye lens dosimetry for medical staff”

Prof Kyung-Sun Kang, Korea, College of Veterinary Medicine, Seoul National University, “Human Umbilical Cord Blood stem cells; from benches to beds”

Dr Azam Ali, Centre for Materials Science and Technology, University of Otago Dunedin, “Novel biomaterial for soft and hard tissue engineering”

Dr Khoon Lim, CReaTE, University of Otago Christchurch, “Designing bioinks and bioresins for 3D Bioprinting of Tissues”

LUNCH & STUDENT POSTER SESSION, 12:30 – 1:30PM

SESSION 2, IMAGING 1:30 – 2:30PM (CHAIR ED ASSOC PROF ANTHONY BUTLER)

Dr Tracy Melzer, New Zealand Brain Research Institute, Christchurch, “Brain imaging to investigate longitudinal cognitive changes in Parkinson’s disease”

Prof Phil Butler, MARS, University of Canterbury, “Some engineering progress towards faster and larger MARS scans”

Assoc Prof Nigel Anderson, MARS, University of Otago Christchurch, “MARS Spectral CT – preclinical applications”

AFTERNOON TEA, 2:35 – 3:00PM

SESSION 3, COMMERCIALISATION AND SUPPORT 3:00 – 4:00PM (CHAIR ED ASSOC PROF NIGEL ANDERSON)

Sue Rogers, Health Precinct Advisory Council, Christchurch, “Christchurch Health Precinct update”

Pleayo Tovaranonte, XY Leap, Christchurch, “Personalised Genomics: Medicine tailored to your DNA”

Brook Waters, Mtech Games, Christchurch, “Wheelchair training and assessment in Virtual Reality”

WRAPUP DISCUSSIONS & PHOTO, 4:00 – 4:30PM

NETWORKING, DRINKS AND NIBBLES, 4:30 – 6:00PM