



## **DIGITAL HEALTH IN CANCER: REALIZING THE OPPORTUNITIES (HYBRID EVENT)**

**Date and Time: Wednesday 27<sup>th</sup> April 2022 10:30 – 16:00**

**Location: Dell Technologies Customer Solution Center, Raheen Business Park, Limerick and Online (register on [eventbrite](#))**

### **10:30 – 10:35 Welcome and Introductions**

Prof Aedín Culhane (University of Limerick), Prof Mark Lawler (Queen's University Belfast), George Maybury (Dell Technologies), Sam Trotter (Dell Technologies)

### **SESSION I: Exploring the Digital Health in Cancer Landscape on the Island of Ireland**

*Session Chair: Prof Walter Kolch (Virtual) and Prof Aedín Culhane*

10:35 – 10:45 Welcome from AICRI

Prof William Gallagher (UCD)

10:45 – 10:55 National Cancer Registries

Prof Deirdre Murray (National Cancer Registry Ireland and UCC)

Prof Anna Gavin (Northern Ireland Cancer Registry and QUB) (Virtual)

10:55 – 11:00 Digital Health Transformations

Prof Martin Curley (HSE)

11:00 – 11:05 Systems Biology Ireland

Prof Walter Kolch (UCD) (Virtual)

11:05 – 11:10 What is needed to Perform Cancer Genomics Panel Testing on every Cancer

Prof Maeve Lowery (TCD/St James) (Virtual)

11:10 – 11:25 Q&A/Discussion

### **11:25 – 11:35 Tea/Coffee**

### **SESSION II: Data Sharing, Real World Evidence, Patient Involvement and Federated eHealth**

*Session Chair: Prof Mark Lawler*

11:35 – 11:45 Federated eHealth Data Sharing

Prof Aedín Culhane (UL)

11:45 – 11:50 Data Governance and Digital Health

Prof Brian Fitzgerald (Director of LERO, UL)

11:50 – 12:00 Case Study: Covid, Cancer and Embedding PPIE

Prof Mark Lawler (QUB and DATA-CAN)

12:00 – 12:05 Patient/ Public Engagement  
Ms Debbie Keatley (HDR UK Public Advisory Board) (Virtual)

12:05 – 12:10 Patient/ Public Engagement  
Ms Sheila Kissane (CEO Boutros Bear)

12:10 – 12:15 The Northern Ireland Trusted Research Environment (NITRE)  
Dr Frances Burns (HSCNI/QUB) (Virtual)

12:15 – 12:30 Q&A/ Discussion

**12:30 – 13:00 LUNCH**

**SESSION III: Large Scale Population-level Mining ‘Omic and Image Data in Cancer Research**  
*Session Chair: Prof Paul Murray*

13:00 – 13:10 Genomics in Ireland  
Prof Owen Smith (UCD) (Virtual)

13:10 - 13:15 Liquid Biopsies CLUB  
Prof Lorraine O’Driscoll (TCD) (Virtual)

13:15 - 13:20 Blood Cancer Network Ireland Data infrastructure  
Prof Ruth Clifford (UHL)

13:20 – 13:25 Digital Pathology and AI for Blood Cancers  
Prof Siobhán Glavey (RCSI) (Virtual)

13:25 – 13:30 Digital Pathology  
~~Dr Donal O’Shea (Decipher)~~

13:30 - 13:35 Precision Oncology in Colorectal Cancer  
Dr Philip Dunne (QUB) (Virtual)

13:35– 13:40 Clinical Interpretation in Precision Oncology  
Mr. Brendan Reardon (Dana Farber Cancer Institute, Boston) (Virtual)

**13:40 – 14:00 Q&A/Discussion**

**14:00 – 14:15 Tea/Coffee**

**Session IV: Industry Engagement Presentations from DELL Technologies/ Collaborators**

4 X 5 mins Lightning talks followed by 10 mins discussion

14:15 – 14:20 Dell Living Lab  
Prof Paul Murray (UL) and Dell Living Labs (Confirmed in person)

14:20 - 14:25 Digital Twin in Healthcare  
Dr John O'Shea

14:25 – 14:30 The New Role of IT: From Stepchild to the Family Table  
Dr Wolfgang Mertz

14:30 – 14:35 Intel in Healthcare  
Mr Werner Schueler

**14:35 – 14:45 Q&A/Discussion**

**SESSION V: Exploring Opportunities for AICRI's Digital Health Theme**

*Session Chairs: Prof Aedín Culhane and Prof Mark Lawler*

14:45 – 15:00 Introducing the All Island eData Hub for Cancer  
Prof Aedín Culhane (UL) and Prof Mark Lawler (QUB)

15:00 – 15:05 SFI Centre for Research Training in Genomics Data Science  
Dr Sandra Healy (SFI Genomics CRT, NUIG)

15:05 – 15:20 Opportunities for Funding: Horizon Europe, Cancer Charities, HRB, PEACE Plus, (PEACE Plus directions), Tripartite, SFI, etc.  
Dr Frances Drummond (Breakthrough Cancer Research) (Virtual)  
Ms Oonagh Ward (Head of Research and Innovation Structures at the HRB) (Virtual)

**SESSION VI: Next Steps**

15:20 – 15:40 Discussion: Next Steps  
Prof Aedín Culhane (UL) and Prof Mark Lawler (QUB)

**15:40 End of Workshop**

15:40 Tour of the Dell Innovation Laboratory (Optional)

**15:40 – 15:50 Tea/Coffee**

**15:50 – 17:15 Meeting of All Island eData Hub for Cancer Leadership (TBC)**