

# Insight showcase

## Smart Surroundings

#InsightSSS22 #Insightspotlight

17<sup>th</sup> October 2022,  
The Helix, DCU

Insight   
SFI RESEARCH CENTRE FOR DATA ANALYTICS

### Agenda

A World  
Leading SFI  
Research  
Centre

Science  
Foundation  
Ireland   
For what's next

#### 10:30 Registration

11:00 Welcome and Opening, Prof Noel O'Connor Insight CEO

11:15 - 12:00 Insight lightning presentations

11:15 Smart use of data for smart environments: Dr Suzanne Little, Insight PI and School of Computing

11:20 Learning Vision Models with Sparse and Unreliable Labels: Dr Kevin McGuinness, Insight FI and School of Electronic Engineering

11:25 Sport Analytics: Using data to unlock potential in Sport and Health - Dr Stephen Behan, School of Health & Human Performance

11:30 FLOURISH Module at DCU: Use your Data for your Wellbeing: Prof. Alan Smeaton, Insight PI and School of Computing

11:33 L2 Learning: Supporting the Reflection after Telecollaboration Sessions by Visualising the Conversation Metrics: Dr Hyowon Lee, School of Computing

11:36 Sensing our World - what can we learn about ourselves and our environment: Dr Shirley Coyle, School of Electronic Engineering

11:41 **Data Analytics for Microservice-based Applications:** Dr Mingming Liu, Insight FI and Assistant Professor in the School of Electronic Engineering DCU

11:46 Explainability in AI - Dr Alessandra Mileo, Insight FI and School of Computing DCU

11:51 Neural Interfaces for Enhancement of Human Performance and Experiences: Prof. Tomás Ward, Insight PI and School of Computing

11:56 Air Quality Forecasting Using spatio-temporal Graph Neural Networks: Prof. Mark Roantree, Insight FI and School of Computing

#### 12:01 - 14:30 Networking over lunch (Demos/Insight booths)

Meet our academics, doctoral and postdoctoral researchers who will be happy to describe their work in more detail.

#### 13:00 (Optional) Insight Tours (pre-book tours on Eventbrite)

13.00 Tour: Smart DCU tour with Kieran Mahon, Smart DCU Projects Facilitator

13.00 Tour: Running Lab tour - Reducing Running-Related Injuries with Prof Kieran Moran

13.00 Tour Exoskeleton lab tour with Ronan Langan, Clinical Lead DCU Exoskeleton Programme

14.00 Tour: Smart DCU tour with Kieran Mahon, Smart DCU Projects Facilitator

#### 14:30 Ends

HOST INSTITUTIONS



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FUNDED BY



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# Insight

SFI RESEARCH CENTRE FOR DATA ANALYTICS

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