EVENT PROGRAMME
WEDNESDAY 22ND NOVEMBER

17:00-19:00
Meet and Greet Reception - UCC Staff Common Room

17:15

Introductions: Mr. Micheál Cosgrove
Chair: Southern Ireland Section of the Society of Dairy Technology

Welcome: Professor John O'Halloran
President, University College Cork

Response: Mr. Nick Edwards
President, Society of Dairy Technology

THURSDAY 23RD NOVEMBER

08:00-08:30
Registration - Devere Hall, UCC

08:30-08:45
Official Opening: To Be Confirmed

Scan the QR code to register
Session 1: Integrating Digital Solutions in Dairy Processes  
Chair: Mr. Conor Mulvihill, Director Dairy Industry Ireland

Keynote Address: Walking the Tightrope Between Theory and Practice – Lessons Learnt from Ten Years of Digitalisation Practice in the Dairy Industry.  
Professor Brent Young, Chair in Food Process Engineering, Faculty of Engineering, Chemical and Materials Engineering, University of Auckland

The Data-Driven Factory: Navigating Digital Transformation in Manufacturing  
Mr. Brendan Sheppard, CEO, Smart Factory, Nexus Innovation Centre, University of Limerick

Joint Presentation: Plant Design and Digital Twin Development  
Professor Dr. Ing. Saskia Schwerman, Department of Process Engineering, Hochschule Hannover and Mr. Marc Jaegeler, Global Account Development for Dairy, Siemens, Nuremberg

10:30 – 11:00  
HEALTH BREAK, VIEW EXHIBITION AND STUDENT POSTER DISPLAY

Session 2: Dairy In-process Analytical Techniques  
Chair: Ms. Áine Hallihan, Director of R&D, Carbery Group

Advances in Process Analytical Technology (PAT) for Dairy Processing: Challenges and Opportunities  
Professor Colm O’Donnell, Professor of Biosystems & Food Engineering, University College Dublin.

The Secrets of PAT in the Dairy Industry  
Mr. Kevin van Cleef, FrieslandCampina

Predicting the Thermal Processability of Milk  
Dr. Alan O’Riordan, Senior Research Fellow, Tyndall National Institute

PAT in Powder Manufacture  
Dr. Norah O’Shea, Research Officer, Teagasc, Moorepark

Real-Time Process Control for Standardisation  
Mr. Michael Sievers, International Business Manager Process Dairy, FOSS Analytical A/S

13:00 – 13:45  
LUNCH, VIEW EXHIBITION AND STUDENT POSTER DISPLAY
THURSDAY 23RD NOVEMBER (CONTINUED)

Parallel Sessions: Choose A or B

13:45–18:00
Parallel Session A: Technical Tours of Teagasc Food Research Centre, Moorepark and Moorepark Technology Ltd

14:00–16:30
Parallel Session B: Flash Presentation Session, Devere Hall, UCC
Exhibitors Presentations
Student Poster Presentations
Adjudication of Student Presentations

19:00–21:00
Conference Dinner, Aula Maxima, UCC

Presentation of Student Poster Awards
Mr Nick Edwards, President of Society of Dairy Technology

After Dinner Speaker
Mr Donal Buggy, Interim CEO, Ornua

FRIDAY 24TH NOVEMBER

08:30–10:30
Session 3: Integration of Process and Analytical Data
Chair: Mr Gary Andrews, Group Skills Development Manager, Dale Farm

Quality by Design in the Digitalisation of Dairy Processing: Challenges and Opportunities
Professor Maria de Sousa Gallagher, Professor in Process and Chemical Engineering, University College Cork

Digital Transformation – Product and Process Data Integration for Quality Management
Mr. Anthony Connolly, CEO, SoftTrace

Human Centric eXtended Reality (VR/AR) Opportunities and Challenges
Dr. Niall Murray, Technological University of the Shannon: Midlands Midwest

Digitalisation in Dairy Processing – a User Experience
Mr Matthew O’Donnell Central Automation Team Lead, Tirlán & Mr Eoghan Brophy Value Stream Analytics Manager, Tirlán

Moving from Device-Centric to Connected Experiences: How Data-Driven Insights Unleash New Potential within the Process Industry
Mr. Vivart Kapoor, Director of IIoT, Endress & Hauser Digital Solutions
FRIDAY 24TH NOVEMBER (CONTINUED)

10:30-11:00  
HEALTH BREAK, VIEW EXHIBITION AND STUDENT POSTER DISPLAY

11:00-12:45  
Session 4: Supply Chain Digitalisation and Integration  
Chair: Dr Siobhán Jordan, Head of Technology Transfer and Commercialisation, Teagasc

Digitalisation Doesn’t Have to Cost the Earth  
Mr. Wayne Johnson, Faedah Solutions

The Dairy Digitalisation Journey – Yield Optimisation Using Machine Learning  
Mr. John Tobin, Managing Director, Orbis MES

Chemtrack: CIP Supervision and Validation  
Mr Seamus Dillon, Water Technology Ltd

2023: Exploring Collaborative Automation in the Dairy Sector  
Mr Shane Ferris, Sales Development Manager, Cobots.ie

12:45-13:45  
LUNCH, VIEW EXHIBITION AND STUDENT POSTER DISPLAY

13:45-14:45  
Open Forum Discussion: Digitalisation experiences, opportunities and hurdles  
Chair: Professor Barry O’Sullivan, Director, Insight SFI Research Centre for Data Analytics’

Panel:  
Ms. Chere Duffy, Lakeland Dairies  
Dr. Anne-Marie Henihan, Dairy Processing Technology Centre  
Mr. Vivart Kapoor, Endress + Hauser  
Mr. Anthony O’ Callaghan, Carbery Group

14:55  
Closing Remarks

15:00  
Tour of Food Science Facilities, UCC

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