Welcome, Hermann Feise - EFCE President
Introduction, David Bogle - EFCE Scientific Vice-President

1. VISION FOR DIGITALISATION IN THE PROCESS INDUSTRY

8:50 • 9:10  Artificial Intelligence in Materials Research, Hergen Schultze - BASF
9:10 • 9:30  Digitalisation of Industry - the European Perspective, Martin Winter - CEFIC
9:30 • 9:50  A view from food industry, Sebastian Carsch - Fraunhofer IVV

9:50 • 10:00 Questions
10:00 • 10:30 Coffee Break

2. THE POTENTIAL OF DIGITALISATION

10:30 • 10:50  Why Data Science will Change Everything, Michel Dumontier - Maastricht University
10:50 • 11:10  Getting value from data – some examples and thoughts for future, Frode Brakstad - SINTEF
11:00 • 11:30  MindTwin: a digital twin for smart engineering and performing operations, Maurizio Rovaglio - Siemens
11:30 • 11:50  Energy and Sustainability, François Maréchal - EPFL and EFCE Energy Section Chair
11:50 • 12:00 Questions
12:00 • 12:50 Business Lunch

3. THE ROLE OF DIGITALISATION ACROSS THE LIFE CYCLE: IN R&D, DESIGN, AND OPERATIONS

12:50 • 13:10  R&D Digitalisation enables to increase speed to market, Georgios Tetradis-Meris - Unilever
13:10 • 13:30  Deep Knowledge in Process Industry Digitalisation, Costas Pantelides - PSE Ltd
13:30 • 13:50  Integrated digital twins and control strategies to ensure product life cycling, Christoph Herwig - TU Wien and EFCE Quality by Design Working Party Chair
13:50 • 14:10  Supply chains of the Future, Nilay Shah - Imperial College London
14:10 • 14:20 Questions

Round table discussions and potential outcomes include proposals, challenges, workshop ideas

14:20 • 15:45  • What are the main drivers in our industry for digitalisation?
               • What is the current maturity of digitalisation in R&D, Design and Operations?
               • What are the main technical challenges and barriers?
15:45 • 16:00  Wrap up and next steps, David Bogle
16:00  Close of meeting