From Industrial Revolution to Digital Innovation
January 26th 2018, Birmingham City University

Highlights of the Global University Alliance quantified and qualitative analysis of 1386 companies from 26 countries has shown 17 industries by analyzing investment, performance, current barriers, patterns and future trends.

The venue of the event is located at: Birmingham City University, Innovation Birmingham, Faraday Wharf, Holt St. B7 4BB United Kingdom

The Four Industrial Revolutions

Drivers of the industrial revolution

Increased Operational Efficiency
- 5%
- 76%

Drive innovation and growth
- view emerging technology as investments that drive innovation and growth

Industry adoption 2020
- 5%
- 85%

Adoptors
- Industry
- Technology
- 3%
- 3%
- 82%
- 63%
- 48%
- 48%
- 48%

Key findings from early adopters of digital innovation

- Drive innovation and growth
- View emerging technology as investment that drives innovation and growth

Agenda for the From Industrial Revolution to Digital Innovation event

09:00 AM Welcome & Introduction
- Arvand Amir, Birmingham City University

09:15 AM Industrial Revolutions, Challenges & Changes
- Georg Eitel, CEO at LEADing Practice
- Mark von Roising, Global University Alliance

10:15 AM The Need for Innovation
- Sir David Hardman, CEO of Innovation Birmingham
- Chair of UK Science Cities

10:30 AM Break & Networking

11:05 AM Driving Long Term Growth in the Digital World
- Dave Maclean, Chair of the WMCA Digital Board

11:25 AM Using Best, Industry & Leading Practices
- Arvand Amir, Birmingham City University
- Simon Polovina, Sheffield Hallam University
- Mark von Roising, Global University Alliance

12:25 PM Lunch & Networking

1:10 PM Introduction to Industry Sessions & Enterprise GPS
- James Cairns, Sheffield Hallam University
- Hans-Jürgen Scheruhn, Harz University

1:55 PM SMART Parking: Transforming A Country’s Cities
- Imtiaz Murshed
- In-app technology integration

2:35 PM Health 4.0: SMART Clinical Access Systems
- Angela Watson, Senior Director of Northern Health
- Government of Canada

3:15 PM Break & Networking

3:45 PM Biotechnology 4.0: End-to-End Workflow Innovation
- Thomas Chen, Senior Executive Novozymes

4:25 PM Finance 4.0: Challenges & Changes
- Joshua von Schell, Sheffield Hallam University

5:05 PM Summary of the Day: Next Steps
- Arvand Amir, Birmingham City University
- Simon Polovina, Sheffield Hallam University

Industry 4.0 Emerging & Disruptive Trends

Source: Emerging & Disruptive Trends, LEADing Practice

Expectations

Early Adoption

Industry Adoption

Standards Adoption

Legend

- Trend Curve
- Performance S-Curve
- Adoption Curve
- Less than 2 years
- 2-5 years
- 5-10 years
- More than 10 years