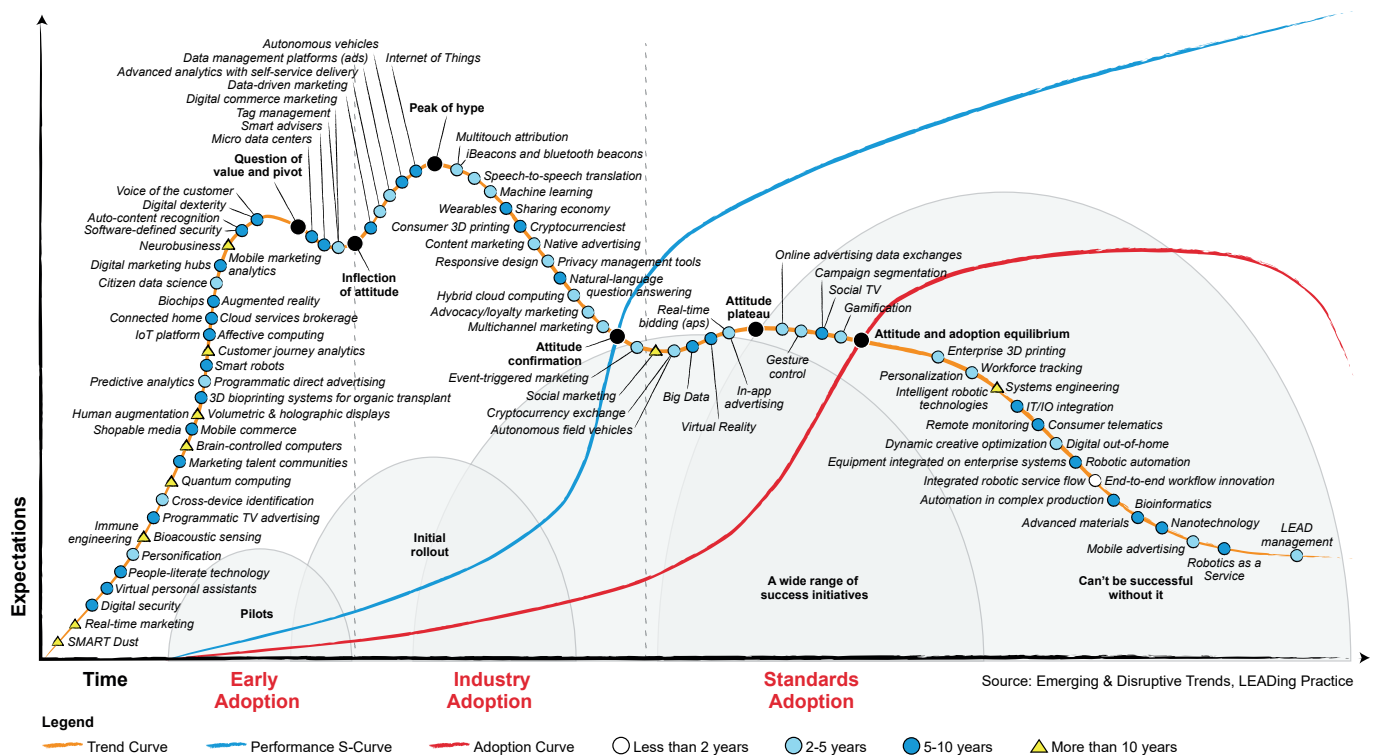


From Industrial Revolution to Digital Innovation

At Birmingham City University
January 26th 2018





FROM INDUSTRIAL REVOLUTION TO DIGITAL INNOVATION

The event **'Industrial Revolution to Digital Innovation'** at Birmingham City University is for executives, industry practitioners, academics and researchers alike, and has been designed to provide insight and knowledge sharing of how digital innovation and transformation is impacting various industries.

Today, the industrial revolution and digital adaption has already become ground zero for a new phase of global innovation powered by technology, and generating significant economic opportunities for businesses and reshaping entire industries.

We have gathered international speakers from around the globe to share the newest forces and disruptive trends, and share innovative technological adaption that will fundamentally alter the way we live, work and relate to one another. In its scale, scope and complexity, the transformation will be unlike anything humankind has experienced before.

The speakers at the **'Industrial Revolution to Digital Innovation'** event are outperforming organizations, academic thought leaders, and industry experts with real-life cases from 5 different industries.

The venue of the event is located at:

Birmingham City University, Innovation Birmingham
Faraday Wharf, Holt St.
Birmingham B7 4BB
United Kingdom

We hope to see you at our event on January 26th, 2018!



LEADing Practice is an Enterprise Standards Body providing repeatable and reusable best practices (what works well) industry practices (performance accelerators) and leading practices (outperforming and value patterns). The Enterprise Standards are packaged as integrated reference content that structures executives and organizations way of thinking, working and implementing that links strategy with operational execution. LEADing Practice is the #1 provider of Enterprise and Industry Standards and is recognized as a paradigm shift by the global business and IT community to empower through its Reference Content a structured way of thinking, working and modelling, enabling organizations to innovate, transform and deliver value.

Georg Etzel, CEO at LEADing Practice

AGENDA, JANUARY 26TH

9:00 - 9:15 AM

Welcome & Introduction

Ardavan Amini, Birmingham City University
Simon Polovina, Sheffield Hallam University

9:15 - 10:15 AM

Industrial Revolutions, Challenges & Changes

Georg Etzel, CEO at LEADing Practice
Mark von Rosing, Global University Alliance

10:15 - 10:35 AM

The Need for Innovation

Sir David Hardman, CEO of Innovation Birmingham, Chair of UK Science Cities

10:35 - 11:05 AM

Break & Networking

11:05 - 11:25 AM

Driving Long Term Growth in the Digital World

Dave Maclean, Chair of the WMCA Digital Board

11:25 - 12:25 PM

Using Best, Industry & Leading Practices

Ardavan Amini, Birmingham City University
Simon Polovina, Sheffield Hallam University
Mark von Rosing, Global University Alliance

12:25 - 1:10 PM

Lunch & Networking

1:10 - 1:55 PM

Introduction to Industry Sessions & Enterprise GPS

Jamie Caine, Sheffield Hallam University
Hans-Jürgen Scheruhn, Harz University

1:55 - 2:35 PM

SMART Parking: Transforming A Country's Parking Environment

Imtiaz Murshed, Executive Director
Group Project Management Office, National Technology Enterprises Company

2:35 - 3:15 PM

Health 4.0: SMART Clinical Access Systems

Angus Watson, Senior Director, Northern Health, Government of Canada

3:15 - 3:45 PM

Break & Networking

3:45 - 4:25 PM

Biotechnology 4.0: End-to-End Workflow Innovation

Thomas Olsen, Senior Executive, Novozymes

4:25 - 5:05 PM

Finance 4.0: Challenges & Changes

Joshua von Scheel
Sheffield Hallam University

5:05 PM

Summary of the Day: Next Steps

Ardavan Amini, Birmingham City University
Simon Polovina, Sheffield Hallam University

GLOBAL UNIVERSITY ALLIANCE



The Global University Alliance is a consortium of 450+ universities dedicated to the research and development of leading practices and international standards in Enterprise Modelling, Enterprise Engineering and Enterprise Architecture.

Dr. Simon Polovina, Chairman of the Global University Alliance

Founded in 2004, the Global University Alliance is a non-profit organization and international consortium of university lecturers and researchers whose aim it is to provide a collaborative platform for academic research, analysis and development of leading practices and best practices as well as missing practices within all of the many different Enterprise Architecture, Enterprise Modelling and Enterprise Engineering domains.

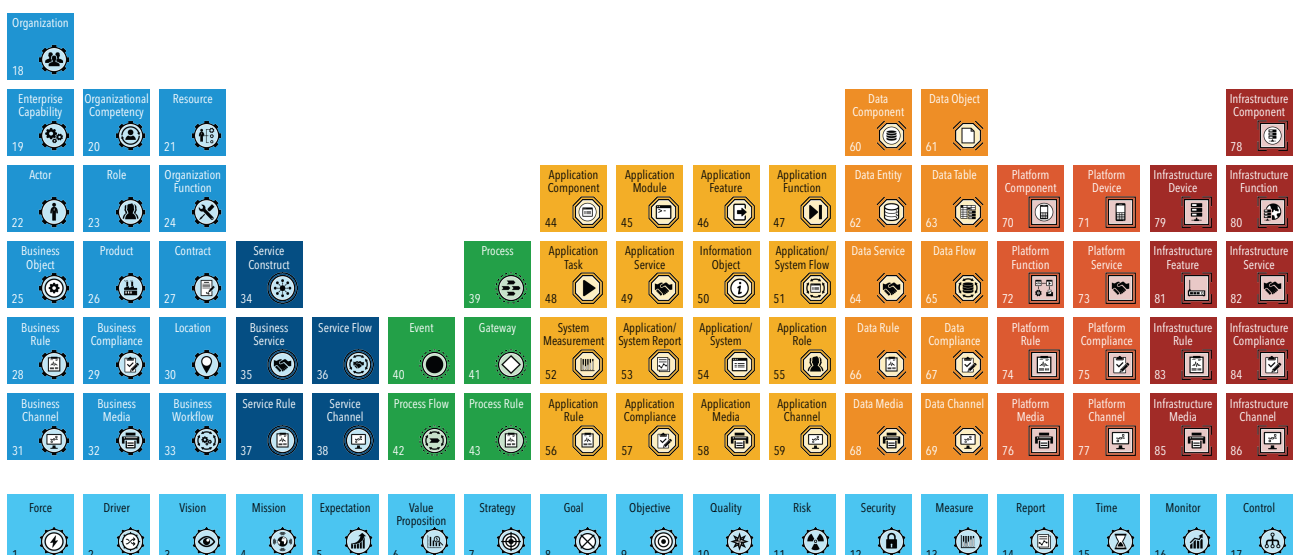
The Global University Alliance aligns intellectual resources across the academic world to:

RESEARCH: Address research concerns and questions that span across enterprise ontology, and thereby enterprise concepts, designs, functions, tasks, information handling and governance, and the relationships between those concepts within enterprise modelling and enterprise architecture disciplines.

UNIVERSITY CURRICULUM: Develop university curriculums for both Bachelor and Master level (existing BPM, SOA, Enterprise Architecture, Sustainability, Information Management and Project Management).

DEVELOP STANDARDS: Package applied academic research and findings into frameworks, methods and approaches that can be used by industries and universities alike.

COMMUNITY SHARING: Share and publish the findings either in publications or to the open standard community.



The Periodic Table of Enterprise Elements based on LEADING Practice Meta Model Reference Content.

LEADING PRACTICE



Enterprise, Industry and Leading Standards uses best practices and performance accelerators from outperformers to improve and standardize non-core competencies, improve competitive parity and standardize core competitive competencies, and to define and strengthen competitive advantage, innovation and efficiency in the core differentiating competencies around:

- Proficient business operations
- Increased productivity
- Risk mitigation
- Increased automation
- Cost control
- Creating or entering new markets
- Value creation and realization
- Redefine core competencies
- Increased customer centricity
- Improved quality of service
- Ensure compatibility of production
- Scaling of operational performance
- Economic growth
- Hypergrowth
- Gaining competitive advantage
- Outperform the markets



With around 24,000 students from 80 countries, Birmingham City University is a large, diverse and increasingly popular place to study. We put students at the heart of everything we do, giving them the best opportunities for future success. The University has an enviable reputation for providing quality, student-focused education in a professional and friendly environment. Our superb courses, state-of-the-art facilities, first-rate staff, and focus on practical skills and professional relevance is producing some of the country's most employable graduates. Our staff and student community is defined by our core values, which outline who we are as a University and how we will work with each other. Our core values are Excellence, People focused, Partnership working and Fairness and integrity.



Sheffield Hallam University is one of the largest universities in the UK, with more than 31,000 students, around 4,500 staff, and an annual turnover of more than £250 million. We're modern, but we have a proud history, dating back to 1843. Our mission is simple: we transform lives. We do this by shaping our students' futures and preparing them for life after graduation; and by creating knowledge through research and industry partnerships that provide practical solutions to some of the world's greatest challenges. Our place at the heart of our city region and our important international connections are fundamental to what we do. We link Sheffield to the world, and the world to Sheffield.