

Conference



Artificial Intelligence • Disrupting Sustainability

Organised by



Sustainable
Development
Forum

AGENDA

25/02/2017

Cambridge Judge Business School, University of Cambridge, UK

9:00-9:30

REGISTRATION

9:30-10:00

OFFICIAL OPENING CEREMONY

Opening speech by Sustainable Development Forum Team

Session 1

PROSPECT OF ARTIFICIAL INTELLIGENCE

10:00-11:00

Keynote speech: "Looking towards 2050"

Lord Martin Rees: Astronomer Royal, President of the Royal Society (2005-2010)

These introductory remarks will outline some global trends; demographic, social and technological, which will set the context within which AI will develop and be applied.

11:00-11:30

Coffee Break

11:30-13:00 **PANEL: "Smart Economy-Transformation of Job Markets"**

This panel will focus on the economics and role of AI in transforming job markets within the smart economy. FinTech, contactless payments, banking platforms, complex data, marketing & sales, business analytics - all these areas use AI more and more extensively as their main tool for changing the old way of delivering services. Effects on job markets are not an exemption to the process. But what is the real economic value of AI and how much it costs to implement such technology? What are the material changes and future opportunities? With this panel, we are opening the debate on how sustainable this transition will be.

Harry Armstrong: Senior Researcher- Technology Futures at Nesta

Andrew Cranwell: Director, Digital Business Banking at Barclays UK

Eleonora Ferrero: Director of European Operations, Mind the Bridge Foundation

Jochen Runde: Professor of Economics & Organisation at Cambridge Judge Business School

13:00-14:00

Lunch Break

Session 2

PRACTICAL IMPLICATIONS & REFLECTIONS ON AI

14:00-15:15

Keynote speech: "Ethical AI development?"

Alex Housley: CEO & Founder at Seldon.io

This speech will approach AI from the professional perspective of a CEO at a start-up with a purpose to help people solve some of the world's biggest problems with machine learning infrastructure. It will discuss the ethics of AI development, the value of open-source technology and the sustainability of such business models.

15:15-16:30

PANEL: "Disruption of Industries"

The distinctive characteristic of AI is that it is truly a multidimensional phenomena. Not a long time ago, smart machines were mainly associated with digital technologies and robotics, now it goes beyond these spheres. AI penetrates our everyday life fast and multidimensionally. Healthcare, automobiles, toys, music, food production, heavy manufacturing – these and many other industries experience the effects of AI restructuring the markets. The panel will question the importance of AI in traditional economies and seek more sustainable ways for accommodating transformations.

Mehdi Doghri: Head of Value Added Products, Digital Business Banking at Barclays UK

Shaona Ghosh: PhD, postdoctoral researcher in deep learning algorithms, University of Cambridge

Stella Pachidi: PhD, University Lecturer in Information Systems at Cambridge Judge Business School

Rodolfo Rosini: CEO & Co-founder at Weave.ai

16:30 –17:00

Coffee Break

17:00–18:00

Keynote speech: "Future of Education in both developed and emerging countries"

Recent advancements within the AI domain are widely spread across sectors; from Siri to self-automated cars. However, the education sector has not been yet exposed to significant influences of technology and is perceived as lagging behind in terms of AI developments. Nevertheless, the potential is vast: virtual teachers, analysis of data, worldwide classrooms, advanced language processing, cognitive modelling of risks and others are the possible ways how to make the best use of intelligence. The concluding talk will be dealing with such issues, as education is the main reason why AI exists in the first place.

Sir Paul Judge: Key Benefactor of the Judge Business School at the University of Cambridge, Alderman of the City of London

18:00-18.15

OFFICIAL CLOSING CEREMONY

Speech by **Sustainable Development Forum Team**

18.30-20:00

Networking Drinks