

AI TALKS

Artificial intelligence talks led by world experts, demonstrating what the potential ROI is to your organisation adopting AI.



Lord Tim Clement-Jones, Chairman, **House of Lords Select Committee on Artificial Intelligence** – responsible for assessing the economic, ethical and social implications of advances in artificial intelligence in order to set policy and draft regulations



Hans Christensen, Director, **Dubai Silicon Oasis** – leading DSOA incubator tasked with nurturing innovative technologies such as Artificial Intelligence and Blockchain in Dubai



Brigadier General Khalid Al Razooqi, Director General, Artificial Intelligence, **Dubai Police** – one of the foremost government innovators in the Middle East, having launched flying motorbikes, robotic policemen and autonomous traffic bikes



Shahriar Sikder, Technologist & Founder, **Synaptically** – Advised on and helped implement artificial intelligence programs in some of the largest companies in the US



Kai Gait, Senior Global Digital Director, **GlaxoSmithKline, UK** – Winner of the prestigious PM Society Digital Pioneer Award and leading the digitization of the 4th largest company on the London Stock Exchange



Mohamed Benaichouche, Director Information Technology, **Arabsat** – one of the world's top satellite operators and by far the leading satellite services provider in the Arab world, carrying over 500 TV channels and 200 radio stations



Adi Chhabra, Head of Product Management and Innovation, **Vodafone** – currently leading product management and innovations for utilising artificial intelligence and machine learning at the world's 3rd largest mobile operator



Ryan Den Rooijen, Head of Data, **Dyson** – Driving Dyson's innovation and diversification through data analytics

Day 1, Tuesday, 1 May 2018

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Welcoming address

Hadley Newman, Managing Director, **Omobono**

11:00

Opening Ceremony: Exclusive performance of the first AI composed song for a city.

Inspire Talk: Aiva the greatest composer of all time

Aiva Technologies is one of the leading startups in the field of AI music composition. It was founded just last year in Luxembourg and London by Pierre Barreau.

They have created an AI called "Aiva" (Artificial Intelligence Virtual Artist) and taught it how to compose classical music – an emotional art which is usually considered to be a uniquely human quality. Aiva's musical pieces are used as soundtracks for film directors, advertising agencies, and even game studios.

Aiva has composed a song for Dubai which will be exclusively unveiled in this session. Is Aiva the greatest composer of all time? You judge!

Pierre Barreau, Founder and Chief Executive Officer, **Aiva Technologies**

11:25

Keynote Address: Utilising Artificial Intelligence to enable smart transformation

Dubai Police has formalised a Strategic plan for Artificial Intelligence in line with the UAE 2071 project launched by Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. The plan focuses on implementing AI technologies to improve all areas of police including security, forecasting of crime and traffic accidents. Brig Gen Khalid will give participants insights on how they have been implementing AI and where they aim to implement the technology in the future.

Brigadier General Khalid Al Razooqi, Director General, Artificial Intelligence, **Dubai Police**

11:45

A new partnership between man and machine

Talal Malas, Associate Partner, Watson AI & Advanced Analytics Practice Leader, **IBM**

12:15

Artificial Intelligence to real results – Demystifying AI to understand the impact it will have on your business

The hype around AI has been phenomenal but understanding of the technology and how it will impact us is misunderstood. Google has made a business out of AI and Ivan will explain the principles of Artificial Intelligence and will delve into how AI will really impact governments and enterprise and how you can unlock its potential and prepare for the disruption it will undoubtedly cause.

Ivan Jakovljevic, Sector Lead, **Google**

12:45

Accelerating AI readiness through collaboration and investment in start-ups

The successful use of AI will allow many organisations to gain a significant advantage against their competition. However being nimble and innovative is essential to harnessing the technologies disruptive nature.

- How can Start-ups enable better application of AI technology?
- What is the role of government in regulating start-ups?
- How do you mitigate the risk of collaborating with a new start-up company?
- What are the advantages of investing in AI start-ups?

Hans Christensen, Director, **Dubai Silicon Oasis**

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13:05 **AI: The essential ingredient in digital experiences**
Alessio Bagnaresi, Data & AI Regional Director, **Microsoft Gulf**

13:30 **Lunch and Networking**

14:30 **Humtap - Experience the Future by Demonstrating the Fusion between AI and Blockchain**
Humtap proprietary A.I. empowers everyone to be a song producer and a star in seconds. Hum a melody or tap a beat into your iPhone and you will create a music hit inspired by your favorite artist - it's a magical experience!
The session will focus on Humtap's technology and how it leverages A.I. and blockchain to create original music, including Digital Rights Management.
Tamer Rashad, Founder & CEO, **Humtap**

15:00 **Machine Learning and AI: Saving Security or Job Stealing Digital Overlords?**
Chris Pace, Director, **Recorded Futures**

15:30 **Mythbuster: The reality about AI and what not to believe**
Ian Khan, **Technology Futurist**

15:55 **Examining the cross industry applications of AI in practice**
From google search engines to customer service chat-bots and smart speakers in your home, AI is already part of our everyday life. Understanding how AI will impact your business has become

paramount and this session will disclose the various uses of AI by some of the world's top companies and how you can use AI in your own industry.
Shahriar Sikder, Technologist & Founder, **Synaptically**

16:20 **Panel Discussion, AI in the workplace – understanding the role of robots in the workforce**
It has been predicted that over 15% of jobs in the US will be taken over by robots by 2020 and in the customer service sector, Gartner has reported that 85% of customer service interactions will be powered by AI. Whist these figures are quite startling, AI will be most suited to functions that are laborious and repetitive. This session will look at the best uses of AI in the workplace and how humans and machines will work together to improve efficiency in the future.
Moderator: Hadley Newman
Ian Khan, **Technology Futurist**
Gary Thompson, Former Program Director, **National Bank of Abu Dhabi**
Shahriar Sikder, Technologist & Founder, **Synaptically**
Chris Pace, Director, **Recorded Futures**

17:00 **End of Artificial Intelligence Conference**

Day 2, Wednesday, 2 May 2018 **AI TALKS** Artificial intelligence talks led by world experts, demonstrating what the potential ROI is to your organisation adopting AI.



Welcoming address

Hadley Newman, Managing Director, **Omobono**

11:00

Keynote Address: AI for Government – Addressing the challenges and assessing the future of AI in the United Kingdom

Technological advances in artificial intelligence promise to grow the industry exponentially. However it is yet unclear what the full impact of AI will be on business and society. Whilst the benefits seem to be phenomenal there are risks that need to be mitigated. Lord Tim will present the findings of the UK AI committee and discuss regulations, policy and economic opportunities that surround AI.

Lord Tim Clement-Jones, Chairman, **House of Lords Select Committee on Artificial Intelligence**

11:25

What is Sigfox bringing into Artificial Intelligence? - The Sigfox Vision

Nicolas Andrieu, Director Middle East and Africa, **Sigfox**

11:50

A practical step by step guide to developing your AI capabilities

By using advanced artificial intelligence algorithms to make decisions like a human brain.

This session will give you insights into what AI is and how to fully utilise the technology within your organisation.

- Back to the future, AI as collection of old and new, e.g. social media monitoring
- What does “doing AI well” look like? From Marketing to Margins

- Building AI readiness as an analytics organisation, practical principles

Ryan Den Rooijen, Head of Data, **Dyson**

12:15

Evolution of AI & Machine Learning in Customer Experience - Beyond Interfaces

The evolution of Machine learning is directly proportional to the customer believing in the non-existence of a machine in between. With deep learning and neural network implementation, the traditional ML models are becoming dated. Often when a new technology has its breakthrough; its impact is only felt in hindsight. But it's different with Artificial Intelligence and Machine Learning. Let's talk about how ML powered Chatbots add value to the customer experience. From demand generation to fulfilment, all behind a seamless customer experience.

Adi Chhabra, Head of Product Management and Innovation, **Vodafone**

13:00

Panel Discussion: Know Your Customer – Improving customer engagement through AI

The fusion of data analytics, machine learning and Natural Language Processing (NLP) has enabled machines to better understand and communicate with human beings. The level of insights has enabled some companies to identify their customer requirements often before the customer knows what they want thus increasing engagement.

- How can you utilise predictive analytics to refine your marketing activities and maximize your return on investment?
- How are virtual assistance impacting customer care and can we

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completely remove the human element of customer experience?

- Can human and artificial intelligence be blended to provide a higher level of accuracy?

Moderator: Peter Hopwood

Salam Yusuf, Managing Director, **Takeleap**

Safdar Hussain, Lead Data Scientist, **Banking Industry**

Ryan Den Rooijen, Head of Data, **Dyson**

Mathew Wendall, Experience Strategy Director, **IBM iX**

13:30 **Lunch and Networking**

14:30 **Killing consultancy – AI will map your journey to operational excellence**

Restructuring a company's organisational structure and workflows has long been the domain of top consultants however through machine learning and operational analytics a company can now identify inefficiencies in its organisation more accurately and in a fraction of the time. Will AI mean the death of the consultancy?

Safdar Hussain, Lead Data Scientist, **Banking Industry**

15:00 **#FutureSchool: How will AI transform the Classroom of the Future?**

There is little doubt that AI will transform the Classroom of the Future, but educationalists are divided as to how this will happen. In this presentation Mark Steed, the Director of JESS, Dubai, will discuss various possible ways in which AI may have an impact on the #FutureSchool. These range from schools embracing AI to augment and enhance what is currently going in classrooms; through 'blended learning' programs to more radical scenarios where teachers are replaced by fully automated learning platforms which constantly monitor student performance and adapt

accordingly to offer a fully personalized learning experience.

Mark Steed, Director, **Jumeirah English Speaking School**

15:30 **Examining how AI can help you stay ahead of cyber threats**

This session will assess how Algorithmic business, artificial intelligence and machine learning give security and risk management leaders more data to make better real-time decisions. It will explore the threat detection and management landscape and discuss the accuracy and efficiency of machines versus human cyber security.

Dr. Mohamed Benaichouche, Director Information Technology, **Arabsat**

16:00 **AI saved my life – How predictive analytics, machine learning, robotics and advanced diagnostics will change the face of our healthcare industry**

Healthcare is a sector where AI can have the greatest impact on our lives in the future. Whether this through early detection of disease, preventative treatment, diagnosis or end of life treatment AI and robotics can allow us to live longer more comfortable lives. This session will investigate where we are at the moment and how Artificial Intelligence will disrupt healthcare and how these technologies can be utilised in other industries.

Moderator: Peter Hopwood

Kai Gait, Senior Global Digital Director, **GlaxoSmithKline**

James Cunningham, Research Fellow - Connected Health Cities, **University of Manchester**

Dr. Mazin A. Gadir, Senior Specialist - The Executive Office for Organizational Transformation, **Dubai Health Authority**

16:45 **End of Artificial Intelligence Conference**