

# Inspiring Futures Newsletter

## Where machines could replace humans – and where they can't (yet)

24<sup>th</sup> April 2017

Key findings of research by McKinsey, the global management consultants, include:

- Current technology could replace 45% of activities people are paid to perform
- 30% or more of activities in about 60% of occupations could be automated
- Occupations that could most easily be automated include predictable physical work (manufacturing, food preparation, packaging), data collection & processing (bookkeeping, accounting, auditing) and retailing (stock control and logistics)
- Occupations with low potential for automation include managing and developing people, knowledge based work (education and coding), health care and arts, entertainment and recreation
- Occupations in the mid-range for automation include finance because data collection and processing accounts for 50% of work activities



To read the full report, go to: <http://www.mckinsey.com/business-functions/digital-mckinsey/our-insights/where-machines-could-replace-humans-and-where-they-cant-yet>

## IF conference: 4IR - implications for young people and their futures

The fourth industrial revolution (4IR) heralds a global employment landscape characterized and accelerated by artificial intelligence, hyper-connectivity and new ways of working.

The IF conference at the IET, Savoy Place, London on 12<sup>th</sup> May 2017 brings together inspirational and thought-provoking speakers from schools, higher education and the world of work who will look at how best the school pupils of today can become successful, smart and well-adjusted adults in a technological world that offers challenge and opportunity in equal measure, by addressing topics including:

- 'Ahead of the Curve' - Creativity, research and innovation - Professor Jeremy Watson, President of the IET
- What is education for? - The Right Honorable the Baroness Morris of Yardley
- What employers want - Neil Carberry, CBI Director for People and Skills
- Skills for the 21st Century - Peter Cheese, Chief Executive of the Chartered Institute for Personnel Development (CIPD)
- Preparing young people for the future – the school perspective - Keith Budge, Headmaster of Bedales School and HMC Chair-elect
- Challenging stereotypes: 4IR - not just for the boys! - Eve Jardine-Young, Principal of Cheltenham Ladies College
- Careers and employability eco systems - Dr Bob Gilworth, Director of the Careers Group, University of London and AGCAS Director of Research
- What universities are looking for - Jonathan Black, Director of Careers at the University of Oxford



For the full programme and to book a place, go to: <https://www.eventbrite.co.uk/e/inspiring-futures-annual-conference-2017-the-fourth-industrial-revolution-implications-for-young-registration-31506820749>

## RVC Farm Weeks 2017

Royal Veterinary College Farm Weeks provide an insight into the role of vets in agriculture and are designed for students interested in training and working as a farm animal vet.

- RVC Welsh Regional Veterinary Centre: 31st July to 4th August 2017
- RVC South of England Regional Veterinary Centre: 7th to 11th August 2017

For more information about the Farm Weeks and other opportunities to visit the RVC including the Pre-Vet summer school 2017, go to: <http://www.rvc.ac.uk/study/rvc-for-all/visit-us>



## IF International Forum 2017 presentations

The theme of the IF International Forum held in Montreux in March 2017 was international study and work – why? what? how?

Forum presentations including:

- International education: learning and benefits – William McDonald, Webster University, Geneva
- Future trends in international employability – Laura Brewer, ILO
- Driving the Game - Alexandra Sergeeva, International Projects Director, Accord
- Global hospitality careers – Sonia Tatar, Les Roches
- Careers in the luxury brands sector – Jeni Heller, Glion
- Academic programmes and experiential learning – Franc Avila, Les Roches
- Applying to American universities – Jon Tabbert, CEO Jon Tabbert Associates



can be downloaded from the Inspiring Futures membership portal: [www.inspiringfutures.org.uk](http://www.inspiringfutures.org.uk)

## University of Buckingham Festival of Higher Education 2017

The Festival of Higher Education on 28<sup>th</sup> and 29<sup>th</sup> June 2017 at the University of Buckingham is an opportunity for school staff involved in higher education advice and guidance to learn more about the important issues facing higher education such as free speech on campus, degree apprenticeships and the impact of Brexit. Confirmed speakers include:

- Anthony Seldon – Vice Chancellor of the University of Buckingham
- Ruth Caleb – Head of Counselling, Brunel University
- Mary Curnock Cook – outgoing UCAS CEO
- Les Ebdon – Chair of the Office for Fair Access to Higher Education
- Tristram Hooley – Director of Research, The Careers & Enterprise Company
- Virginia Isaac - President of the Career Development Institute
- Richard Layard - Programme Director for Wellbeing, London School of Economics
- John O'Leary – Editor of the Times and Sunday Times Good University Guide
- John Rich – CEO of PUSH
- Ed Smith - Sports journalist and former England cricketer



For more information, go to: [www.hefestival.com](http://www.hefestival.com)

## Medicine, dentistry and veterinary medicine in the Czech Republic

Increasing numbers of students are pursuing their medical, dental or veterinary medicine studies in the Czech Republic where courses at highly ranked universities are taught in English. Medical Doorway is hosting entrance examinations in the UK in July 2017 for entry to Charles University First Faculty of Medicine, Charles University Second Faculty of Medicine, Masaryk University, Palacky University and UVPS Brno in autumn 2017. For more information, go to: <https://www.medicaldoorway.com>



## School leaver schemes

TARGETCareers has a searchable data-base of advanced, higher level and degree apprenticeships, school leaver schemes and sponsored degrees as well as employer profiles. Opportunities currently featured include:



## WSP | Parsons Brinckerhoff Degree Apprenticeships

WSP | Parsons Brinckerhoff, which employs 36,500 people globally and over 7,100 in the UK, providing specialist built and natural environment consultancy services, is offering Building Services Engineering Technician and Civil Engineering degree apprenticeships.



## Capgemini Degree Apprenticeships

Capgemini is a global consulting, technology and outsourcing company, whose degree apprenticeship provides an accelerated path into the technology industry via a 4½ year study and work programme which combines a sponsored BSc degree in Digital & Technology Solutions at Aston University with paid employment.



## BAE Systems Higher Level Engineering Apprenticeships

BAE Systems, the UK's largest multinational defence, security, and aerospace company, offers higher level engineering (mechanical, electrical, design, civil) apprenticeships which combine paid employment (£17,000 a year) with study for a level 4 qualification.



## IBM school leaver schemes

IBM, the multinational technology company, offers 2 school leaver schemes. IBM apprenticeships are full time roles which combine business and technical skills training with involvement in live project work and lead to a level 4 qualification. IBM Futures is a 12 month paid gap year programme designed to broaden horizons and provide an insight into working for a major global employer.



Employer profiles include on TARGET Careers: Aldi, Balfour Beatty, BT, Clifford Chance, EY, Jaguar Land Rover, Mazars, National Audit Office, Nuvia, PWC, Redrow, Sanska, Veolia, Thames Water and Welsh Water.

For more information, go to: <https://targetcareers.co.uk/work>

## University of Manchester Teachers and Advisers Conference 2017

The University of Manchester Teachers and Advisers Conference on Wednesday, 17<sup>th</sup> May 2017 will equip teachers and advisers with information and advice to prepare students for entry to higher education and will address topics including qualifications reform, admissions, graduate employability, student finance, writing academic references, disability support in higher education and best practice in the provision of information, advice and guidance in schools and colleges. For more information, go to: [www.manchester.ac.uk/ntac](http://www.manchester.ac.uk/ntac)



The University of Manchester

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Inspiring Futures is part of Group GTI. Inspiring Futures has been working with young people in partnership with schools in the UK and internationally for over 70 years and provides impartial and expert careers guidance that includes psychometric profiling, personal guidance discussions, work-related learning and skills development activities, information events, workshops and conferences and much more.



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