

I WILL TEACH MACHINES

how to think
and laugh.

Discover tomorrow's world of work
in the German Science Year 2018



An Initiative of the Federal Ministry
of Education and Research

Science Year | 2018

**WORKING LIFE
OF THE FUTURE**

WE WILL SEE

how new opportunities arise.

Whether in industry, the care professions, retail or the skilled trades, we are seeing how work is changing in every occupation. Science Year 2018 – Working Life of the Future has been launched to give people the chance to interact with research and have a stake in discussing and shaping the opportunities and risks these changes will bring.

Under the motto “Experience. Learn. Shape.” everyone can get involved in some of the many activities that are being organised during the Science Year to provide a foretaste of the working life of the future. The wide range of activities includes events such as a group-singing activity Klingt nach Teamwork (The Sound of Teamwork) and a discussion series Arbeits-Früh-Stücke (Working Breakfasts) as well as diverse future-oriented locations where many people are already thinking about the work of tomorrow.

The topics to be covered include: new systems of initial and further training, alternative work models, work-life balance, the benefits of digital technologies and artificial intelligence, as well as the issue of data management. A whole range of fascinating questions are raised: what innovations are being brought about by Industrie 4.0? How are co-working spaces – which are used by people from completely different occupations – changing our working life? How will agriculture and related sectors change in the future?

Explore questions like these in Science Year 2018 and discover tomorrow’s world of work. Find out more on the Science Year website and its online channels:

www.wissenschaftsjahr.de

    [#ArbeitsweltenDerZukunft](https://twitter.com/ArbeitsweltenDerZukunft)

KNOWLEDGE ON WHEELS: The Turing bus

PLUS COMPETITION

Named after the famous computer scientist Alan Turing, the Turing bus will be touring towns and rural areas providing a place for activities and discussion about the digitalisation of work and life. There will be workshops, hackathons and talks put on by experts aimed at informing young people in particular about opportunities to shape the working life of tomorrow. The project, which is run by the German Informatics Society (GI) and the Open Knowledge Foundation Germany, is accompanied by an ideas competition.

www.turing-bus.de

MAGAZINE FOR THE CURIOUS: forscher

ORDER NOW

How does artificial intelligence work? What jobs will robots do in the future? And what work methods can we learn from animals? Answers to these and other questions are provided in the magazine *forscher* – Das Magazin für Neugierige in its May and August 2018 editions. The free magazine is aimed at children aged between eight and twelve.

www.forscher-online.de



SCIENCE GOES TO SCHOOL: The Forschungsbörse

NATIONWIDE

Computer science, social studies, German, geography and almost any other school subject can involve looking at the working life of tomorrow. After all, where else can young people learn about this if not at school? Teachers can use the Forschungsbörse (Research Exchange) to invite scientists to visit their school for free.

www.forschungsboerse.de

BATTLE OF THE BRAINS: The Science Year quiz

IN 8 TOWNS

In the Streberschlacht (Battle of the Brains), teams pit their wits against each other to find out who knows the most about the working life of the future. In a relaxed atmosphere, the teams answer questions posed by researchers and scientists from a wide range of disciplines. The quiz is being held in eight towns across Germany, including Braunschweig and Potsdam.

www.wissenschaftsjahr.de/foerderprojekte

A LOT TO DISCOVER: The ScienceStation

AT STATIONS

There are all sorts of interesting things to learn about the working life of tomorrow at the ScienceStation travelling exhibition, which will be visiting ten different train stations during the Science Year. Visitors to the hands-on interactive exhibition will not only be able to learn about technologies and work models of tomorrow, but will also be able to engage with multimedia modules or enter competitions.

www.wissenschaft-im-dialog.de/projekte/sciencestation



It doesn't matter if you are funny, daft, spontaneous or simply passionate – we want to hear you singing together. Science Year 2018 – Working Life of the Future wants to find the most creative workplace singing teams in its Klingt nach Teamwork (The Sound of Teamwork) competition. You can sing together with your boss as a duo, with your colleagues from your department, your workplace choir, the factory robot or even via a videoconference.

We want to see your creativity, spontaneity and team spirit – attributes that will also be indispensable in the working life of the future. Emotional intelligence, team skills and the art of improvisation are vital for work to be successful and fulfilling. It is these same abilities that are also desirable for singing together.

CAN'T SING? NO PROBLEM!

This competition is not so much about musical quality as it is about creativeness.

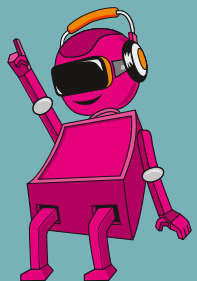
You can sing whatever you like – as long as it's about work. You might choose "9 to 5", "Manic Monday" or "Heigh-ho, heigh-ho, it's off to work we go", or you can enter your own composition. The main thing is that **it sounds like teamwork!**

There are attractive prizes to be won.

Further information and the rules for entering can be found here:

www.KlingtNachTeamwork.de

#KlingtNachTeamwork



EXPERIMENT, TRY OUT, EXPLORE: The InnoTruck

SPECIAL EXHIBITION

Take a discovery tour of the InnoTruck's 100m² of display space. A whole range of exhibits, including virtual and augmented reality applications, show how innovations can change our lives – and introduce the people behind these innovations. During Science Year 2018, the truck's upper floor has a special exhibition on the working life of the future organised by the Federal Ministry of Education and Research. The InnoTruck will visit numerous German towns and cities during the Science Year.

www.innotruck.de

A DATE WITH THE FUTURE: The MS Wissenschaft science ship

35 PORTS OF CALL

All aboard the working world of the future! The MS Wissenschaft science exhibition ship will be setting off from Berlin on 15 May for a five-month tour of Germany, stopping at cities such as Bremen, Düsseldorf, Stuttgart and Frankfurt am Main. Visitors can come aboard the interactive exhibition and discover the working life of the future right in the here and now. In all, the science ship will call at 35 different towns and cities before it reaches its final destination of Nuremberg on 6 October.

www.ms-wissenschaft.de



FASCINATING INSIGHTS: Changing Occupations

JOURNEYS THROUGH TIME



For Germany's dual training system to continue to produce first-class skilled labour in its role as the heart of the German employment system, it must continuously adapt to the rapidly changing world of work and ongoing changes in skill requirements. In our continuously expanding section on Changing Occupations we depict fascinating occupations as they change with the times – from their beginnings in the past to the job profiles of the present.

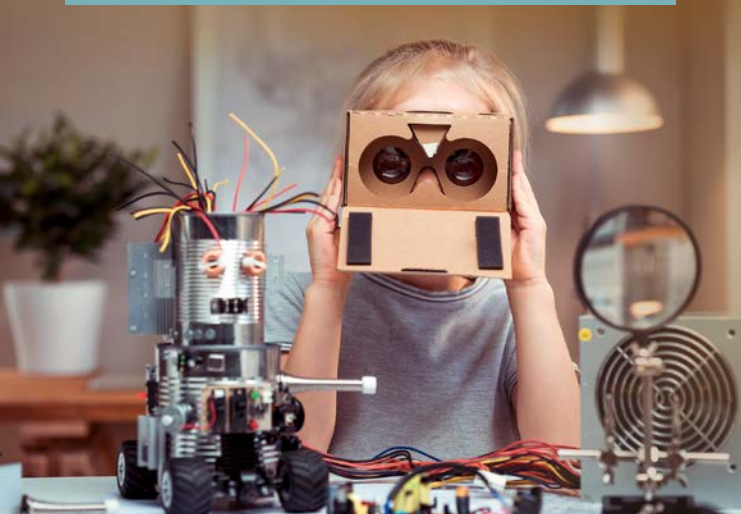
www.wissenschaftsjahr.de/berufe-im-wandel

POST FROM TOMORROW'S WORKING WORLD: THE NEWSLETTER

REGISTER NOW

If you want to keep informed about the topics, dates and events of Science Year 2018 you can sign up for the newsletter. Register now at:

www.wissenschaftsjahr.de/newsletter



WELCOME TO THE FUTURE – as a partner of the Science Year

Science Year 2018 thrives on the active participation of partners in science, industry and civil society. You are invited to use this opportunity to help shape the Science Year with your involvement. All organisations, institutes, clubs, local communities and companies can participate in activities and events.

The Science Year 2018 Editorial Office will be happy to help you with your communication needs. Become a partner of Science Year 2018 – Working Life of the Future:

www.wissenschaftsjahr.de/partner

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