



**30 November 2016**

**8:00 - 9:30**

**BREAKFAST DEBATE**

## **Policy implications of robotics and artificial intelligence**

The emergence of robotics in our everyday life might have sounded, until recently, like science fiction, but it has now become part of our reality. Robotics is a fast developing market that has penetrated a wide range of fields such as manufacturing, healthcare, law enforcement, and many more. Robotics can benefit society as a whole as it has the potential to drive growth, jobs and innovation in Europe; it offers new solutions to societal challenges from ageing to smart transport, security, energy and environment.

Some of its greatest advantages include the enhancement of productivity and quality at work, reduction of production costs, intervention in situations that would be hazardous to human lives, contribution to a higher standard of living, improvement of healthcare in terms of procedures, services and products, helping streamline traffic and reduce accidents, as well as the enhancement of a better predictability of crime, contribution to a safer social environment, and lower the risk of human error. However robotics raises concerns related to ethical considerations and the protection of fundamental rights in the development of robotics and artificial intelligence. It is important to understand all dimensions of this new phenomenon and discuss the framework for future cooperation between humans and robots. Consider threats, but first of all - advantages. The European Commission and the Member States should actively promote research, job creation and innovation through better and safer robots. A strong and transparent cooperation should also be encouraged between the public and private sector and academia in order to reinforce knowledge sharing in the field of robotics and constantly evaluate the ethical implications and respect of fundamental rights in the field of robotics and artificial intelligence.

# programme- 30th November 2016

## **Welcome and introduction:**

Emilian Pavel MEP and EIF Member

## **Speakers:**

Dr. Ing. Georg von Wichert, Head of Research Group Robotics, Autonomous Systems & Control, SIEMENS AG

Greg Corrado, Principal Scientist at Google and co-founder of Google Brain Team

Prof. Dr. Simon Hegelich, Professor of political data science at the Technical University of Munich

Khalil Rouhana, Director Directorate A, Digital Industry, European Commission DG CONNECT

## **Exchange of views with participants**

[\(under the Chatham House rule\)](#)

## **Closing remarks:**

Michal Boni MEP and EIF Steering Committee Member

## **Speakers**



**Mr Emilian Pavel**

MEP and EIF Member



**Dr Ing. Georg von Wichert**

Head of Research Group  
Robotics, Autonomous Systems  
& Control  
SIEMENS AG



**Mr Greg Corrado**

Principal Scientist at Google and  
co-founder of Google Brain Team



**Prof Dr. Simon Hegelich**

Professor of political data  
science  
Technical University of Munich



**Mr Khalil Rouhana**

Director Directorate A, Digital  
Industry  
European Commission DG  
CONNECT



**Mr Michal Boni**

MEP, EIF Steering Committee  
Member

## Venue

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