



SYMPOSIUM ON  
TECHNOLOGY, INNOVATION  
AND INCLUSIVE GROWTH:  
**Future Perspectives**

28-29 April 2016  
OECD Conference  
Centre



THE  
GROWTH  
DIALOGUE



OECD



WORLD BANK GROUP

# Symposium on Technology, Innovation and Inclusive Growth: Future Perspectives

Information and communication technologies have facilitated **disruptive innovations**, affecting fundamentally opportunities for productivity improvements and economic growth and also for enhanced wellbeing.

This **emerging digital economy** poses **multiple challenges for policy** as it places into question received views on the key underpinnings of economic growth and global competitiveness for developed, emerging and developing countries alike.

In a context of growing income inequalities across the OECD and beyond, the question of what **opportunities the new emerging economy holds for different groups in society**, and what policy can do, also needs addressing.

## Objectives of the Symposium

The Symposium will bring together **leading experts and policy makers** from advanced, emerging and developing economies. Discussions will **focus on the impacts of the main technologies** behind these changes, and explore the following critical questions:

1. What is the **potential of new technologies** as engines of growth? What factors are critical to competing in the emerging global economy?
2. How **disruptive** are **technologies**, such as automation, for **industry and people**? How do they impact the income distribution?
3. What are the key **implications for policy**? What can be done to support the successful implementation of technology to serve **inclusive growth**?

*More details can be found online at:*

<https://www.innovationpolicyplatform.org/inclusive/symposium2016>

The **OECD's "Innovation for Inclusive Growth" project** analyses the impacts of innovation and related policies on inclusive growth. Addressing the needs of policymakers in both key non-member economies and OECD countries, the aims of the project are to:

- **Provide evidence** on the effects of innovation and related policies on inclusive growth focusing on industrial, social and territorial inequalities; and
- **Develop concrete policy solutions** to support countries in reconciling their innovation and inclusive development agendas, including options for scaling up inclusive innovations.

More information can be found at: <http://oe.cd/inclusive>

# DRAFT AGENDA

## Day 1: Thursday, 28 April 2016

10h00 – 10h30 Coffee and Registration

10h30 – 11h00 WELCOME

- **Dr. Danny Leipziger**, Managing Director, Growth Dialogue
- **Dr. William Maloney**, Chief Economist, Equitable Growth, Finance, and Institutions, World Bank
- **Mr. Dominique Guellec**, Head of Division, Directorate for Science, Technology and Innovation, OECD

11h00 – 11h15 SETTING THE AGENDA

- **Mr. Dominique Guellec**, Head of Division, Directorate for Science, Technology and Innovation, OECD

11h15 – 13h00 OPENING SESSION: The Potential of New Technologies for Inclusive Growth

The session will set the stage and provide perspectives on the following questions:

- Are we really entering an era of disruptive change? What are the main technologies behind such change? Where will such change be most important?
- Will the new technologies bring a new era of growth? What are the constraints to bringing about growth?
- Will benefits be inclusive and affect all groups in society? What conditions are needed to bring about such gains?

### Chair

- **Dr. Danny Leipziger**, Managing Director, Growth Dialogue

### Opening Speech

- **Dr. Philippe Aghion**, Professor at Harvard University and Collège de France

### Comments

- **Dr. Manuel Trajtenberg**, Professor at Tel Aviv University
- **Dr. Caroline Paunov**, Senior Economist, Directorate for Science, Technology and Innovation, OECD
- **Dr. Dimitri Corpakis**, Head of Unit, Directorate for Open Innovation and Open Science, Directorate General for Research & Innovation, European Commission

### Open discussion

13h00 – 14h30 Lunch Break

14h30 – 16h00 PANEL DISCUSSION: New Technologies, Innovation, Employment and Growth

The discussion panel will contain a more in-depth discussion of the questions raised in the opening session. A specific focus will be set on characterising the main dimensions of change, the potential of new technologies for inclusive growth as well as initial perspectives on what policymakers should do.

### Chair

- **Mr. Dominique Guellec**, Head of Division, Directorate for Science, Technology and Industry, OECD

### Speakers

- **Dr. Carl Frey**, Co-Director of the Oxford Martin Programme on Technology and Employment, University of Oxford

- **Dr. Robert Atkinson**, Founder and President of the Information Technology and Innovation Foundation (ITIF)
- **Dr. William Maloney**, Chief Economist, Equitable Growth, Finance, and Institutions, World Bank
- **Dr. Youngah Park**, President of KISTEP, Korea
- **Mr. Andreas Esche**, Director, Bertelsmann Stiftung

#### Open discussion

16h00 – 16h30 Coffee Break

16h30 – 18h00 **KEYNOTE SPEECH: How Can Policy Best Support New Technologies Including Citizens?**

The session will focus on how policy should best support the role that technology can play in inclusive growth (in a context of much anxiety over the effects of technologies on inequalities in employment and well-being more generally).

#### Chair

- **Mr. Ganesh Rasagam**, Trade and Competitiveness Global Practice, The World Bank

#### Speaker

- **Dr. Manuel Trajtenberg**, Professor at Tel Aviv University

#### Comments

- **Dr. Francois Bourguignon**, Professor Emeritus, Paris School of Economics
- **Dr. Montek Singh Ahluwalia**, former Deputy Chairman of the National Planning Commission, India

#### Open discussion

18h00 – Dinner (by invitation)

**Dinner Speech:** **Dr. Marco Annunziata**, Chief Economist at General Electric

## Day 2: Friday, 29 April 2016

9h00 – 9h30 Coffee and Registration

9h30 – 11h00 **KEYNOTE SPEECH: What is the key to global competitiveness in the emerging Internet economy?**

The session will discuss the critical determinants of competitiveness in the new economic context and provide perspectives on how different countries will fare.

#### Chair

- **Dr. Shahid Yusuf**, Chief Economist, Growth Dialogue

#### Speaker

- **Dr. Robert Atkinson**, Founder and President of the Information Technology and Innovation Foundation (ITIF)

#### Comments

- **Mr. Alistair Nolan**, Senior Policy Analyst, Perspectives from the Next Production Revolution Project
- **Dr. Jennifer Blanke**, Chief Economist, World Economic Forum

- **Dr. Carl Dahlman**, Special Advisor to the Director, OECD Development Centre

### Open discussion

#### 11h00 – 12h00 PANEL DISCUSSION: Disruptive Technology and Automation – Implications for Industry and People

The panel will focus on the nature of change brought by technologies in the automobile/transport sector, an industry that has been fundamentally transformed, as well as provide perspectives on how automation will affect not only the automotive industry, but also production and workers more generally. Questions to be addressed include:

- What are the most fundamental changes in the automobile/transportation sector? What are the critical factors for future competitiveness? Is this affecting other sectors in the economy at large?
- What is the potential of automation to emulate humans? What implications does advancing automation have for industry? What are the implications for society more generally?

### Chair

- **Dr. Dirk Pilat**, Deputy Director, Directorate for Science, Technology and Innovation, OECD

### Speakers

- **Mr. Jacques Bughin**, Director, McKinsey Global Institute
- **Dr. A. Mete Çakmakci**, Secretary General, Technology Development Foundation of Turkey
- **José F. Saenz**, Business Unit Robotic Systems, Fraunhofer, Germany

### Open discussion

#### 12h00-12h30 PRESENTATION: The SDGs: Where Do Innovation and Technology Fit In?

- **Mr. Douglas Frantz**, Deputy Secretary General, OECD

#### 12h30 – 14h00 Lunch Break

#### 14h00 – 16h00 PANEL DISCUSSION: Implications for Policy in Developed and Emerging Economies

The final session will focus on emerging policy implications and respond to the following issues:

- How can policy best support the adoption and deployment of new technologies for the benefit of the economy and people at large?
- What opportunities exist for emerging and developing economies in this new context?

### Chair

- **Dr. William Maloney**, Chief Economist, Equitable Growth, Finance, and Institutions, World Bank

### Speaker

- **Dr. Shahid Yusuf**, Chief Economist, Growth Dialogue
- **Dr. Montek Singh Ahluwalia**, former Deputy Chairman of the National Planning Commission, India
- **Dr. Christine Greenhalgh**, Professor of Economics, University of Oxford
- **Dr. Agrita Kiopa**, Deputy State Secretary, Ministry of Education and Science, Latvia

### Open discussion

#### 16h00 – 16h30 SESSION SEVEN: WRAP-UP SESSION

- **Dr. Danny Leipziger**, Managing Director, Growth Dialogue
- **Dr. Dirk Pilat**, Deputy Director, OECD Directorate for Science, Technology and Innovation