Policy Seminar on Artificial Intelligence

29 November 2017
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00-10.10</td>
<td>Welcome address for the Policy Seminar on Artificial Intelligence</td>
</tr>
<tr>
<td>10.10-10.15</td>
<td>Co-creation workshop: Expected goals and implementation</td>
</tr>
<tr>
<td>10.15- 10.30</td>
<td>State of play: the Promises of AI for business and society</td>
</tr>
<tr>
<td>10.30-11.40</td>
<td>Review of international strategic initiatives in AI</td>
</tr>
<tr>
<td>11.40-12.40</td>
<td>Emerging applications of AI for businesses: concrete case studies in 4 key industries</td>
</tr>
<tr>
<td>12.40-13.00</td>
<td>Overview of current action of the European Commission on Artificial intelligence</td>
</tr>
<tr>
<td>13.00-14.00</td>
<td>Lunch break</td>
</tr>
<tr>
<td>14.00-15.00</td>
<td>Ethics, supervision and regulation of AI</td>
</tr>
<tr>
<td>15.00-16.15</td>
<td>Defining key features of an artificial intelligence plan to support the uptake of EU industries</td>
</tr>
<tr>
<td>16.15-16.30</td>
<td>Conclusion keynote</td>
</tr>
</tbody>
</table>
Welcome address for the Policy Seminar

Slawomir Tokarski,
Director Innovation and Advanced Manufacturing, Directorate General Internal Market, Industry, Entrepreneurship and SMEs, European Commission

10.00-10.10
Co-creation workshop: Expected goals and implementation

Laurent Probst, Partner, PwC

10.10-10.15
Defining key features of an artificial intelligence plan to support the uptake of EU industries

Four key dimensions to be explored:

1. Industrial applications and SME’s uptake
2. Skills
3. Regulation and Standards
4. Investments

8 discussion tables, 2 per dimensions (15.00-16.15)
Co-creation workshop: Expected goals and implementation

Morning sessions

1. Collect your ideas
   - Write your ideas on a post-it
   - 1 idea = 1 post-it
   - Stick your post-its on the wall

2. Prioritise your ideas in themes
   - Register in 1 discussion table
   - First in, first served. Be quick

3. Choose the key priorities
   - Stick your "gommettes" on the most pressing themes
   - 1 gommette/dimension

4. Develop an action plan
   - Discuss about:
     - What
     - Who
     - By when
     - What resources

Lunch break

PwC team

Captains

Your role to play

Appoint 1 reporter/table
State of play: the Promises of AI for business and society

Andreas Tegge,
Head Global Government Relations, SAP AG
Questions

• How can Europe achieve a leadership role on AI?

• How can public concerns regarding AI effectively be addressed?
Review of international strategic initiatives in AI

Keynote:
Dr. Anand S. Rao, Partner, Global Artificial Intelligence Lead- Data & Analytics, PwC

Panellists:
Rina Joosten-Rabou, Co-founder & Chief Commercial Officer, Seedlink
Nicolas Miallhe, Harvard Kennedy School, Senior Visiting Research Fellow
Jonathan Sage, AI Policy Lead, IBM

10.30-11.40
Keynote:
Dr. Anand S. Rao, Partner, Global Artificial Intelligence Lead- Data & Analytics, PwC
Discussion

• What are the key elements and strengths of existing international initiatives (US, China, EU countries)?

• Is there a low level of public and private investment in Europe? What are the reasons behind it?

• What are government usage of AI? What will they be? Should be?
Emerging applications of AI for businesses

Keynote:
Dr Emilia Tantar, COO, Black Swan LUX

Panellists:
Dr David Brown, Co-founder, HealX
Robert Spicer, CEO, Member of the Board of Directors, vyzVOICE
Guido Vetter, Head of Corporate Center of Excellence
Big Data & Advanced Analytics, Daimler AG

11.40-12.40
Keynote:
Dr Emilia Tantar, COO, Black Swan LUX
Discussion

• **AI in healthcare:** how can AI support diagnosis and research?
• **AI in automotive sector:** how can AI revolutionise autonomous fleets and predictive maintenance?
• **AI in manufacturing:** What are the emerging applications of AI in the manufacturing industry and why could it transform the business?
• **AI in energy:** What are the impacts of AI in terms of power consumption, supply and demand and how will it enable to conserve energy and save money?
Discussion

- **Human capital**: Do you easily find AI HR when needed?
- **Mass adoption**: Is the common public aware of AI and the fact that it is useful? What will support in your view a better understanding and adoption of AI in daily routine?
- **EU as AI Investment platform**: Is it difficult to attract private capital for AI based companies? What could support investment in AI in your opinion?
- **Infrastructure**: What is your take on sharing Open Data, domain specific(essential for AI)? Would you be inclined to adhere to it, pros and cons?
Overview of current action of the European Commission on Artificial Intelligence

Anne Bajart,
Head of Sector for Robotics Industrial Development and Impact, Directorate-General for Communications Networks, Content and Technology

Dana Eleftheriadiou,
Policy Coordinator for Digital Transformation, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

12.40-13.00
Lunch break

13.00-14.00
Ethics, supervision and regulation of AI

Keynote:
Chitro Majumdar, Founder, RsRL (R-square RiskLab)

Panellists:
Prof J. Mark Bishop, Director TCIDA, The Centre for Intelligent Data Analytics, Goldsmiths UK

Dr Bryant Joseph Gilot, University of Tübingen & IEEE Global Initiative for Ethical Considerations in Artificial Intelligence and Autonomous Systems

Alexander Kipp, Enterprise Architect Big Data Analytics & Insights, Robert Bosch

Philipp Slusallek, German Research Centre of Artificial Intelligence

14.00-15.00
Keynote:
Chitro Majumdar, Founder, RsRL (R-square RiskLab)
Discussion

• How to supervise and create trust in AI?

• Should AI be regulated and how should it be done?

• How algorithms may be used in stealth mode to limit market competition while retaining the appearance of competitive environment?
Defining key features of an artificial intelligence plan to support the uptake of EU industries

Co-creation workshop

Moderator: Laurent Probst, PwC

15.00-16.15
Defining key features of an artificial intelligence plan to support the uptake of EU industries

Discussion table:
Develop an action plan to move forward the three key priorities of your table
Defining key features of an artificial intelligence plan to support the uptake of EU industries

Presentation of the action plans:
Each table presents the 3 key issues/priorities it has focused on and the concrete actions to move them forward

15.30-16.10
Defining key features of an artificial intelligence plan to support the uptake of EU industries

Conclusion of the workshop

Moderator:
Laurent Probst, PwC

16.10-16.15
Conclusion keynote

Marco Malacarne,  
Head of EASME Department A Operations

16.15-16.30