



Artificial Intelligence: Achievements and Perspectives

Keynote speaker: **Leonidov Andrey, P.N.**

The keynote includes a review of the latest achievements in the field of Artificial Intelligence (AI) related both to Deep Learning (DL) applied to image, speech and language processing and applications of AI to solving problems in real economics. Special attention is paid to applications of knowledge graphs as a universal means of realization of machine-readable ontologies.

Scientific research related to the development of AI has distinct interdisciplinary flavor. In the talk we briefly describe these connections through viewing from the three following directions:

- AI and theoretical economics and game theory
- AI and brain functioning
- AI and statistical physics

Finally, we briefly discuss strategies of development of AI approved and realized by the key players (USA, China, EU) and forecasts for development of AI technologies and their contribution to world economy.